

2.számú melléklet – MŰSZAKI LEÍRÁS

FISCAT SUPER FP AEE DRIVER PROTOCOL V0007_

SZERZŐI JOGI NYILATKOZAT

1

A Prior Cash Kft. (mint titokgazda, a továbbiakban Társaság) által létrehozott jelen dokumentumban található összes tartalom (így minden szöveg, információ, adat, letölthető dokumentum, rajz, ábra, fotó, grafika, képek, szoftverek (beleértve a forráskódot), metaadatok, a grafikus felhasználói interfészek és Other fájlok,) Vörös Áron és/vagy a Társaság (a továbbiakban Szerző(k)) saját és kizárólagos tulajdonát képezik. A Szellemi Alkotás teljes egészében szerzői jogvédelem alatt áll; annak bármely része, tartalma Szerző(k) kizárólagos - nemzetközi és magyar jogszabályok által védett - szellemi tulajdona, mely rész, tartalom bármilyen módszerrel, technikával történő másolásával és terjesztésével kapcsolatos jogait Szerző(k) kifejezetten fenntart(ják), a Szerző(k) előzetes írásbeli hozzájárulásával lehet bármilyen formában felhasználni. A Szellemi Alkotás egészének vagy bármely részének akár online, akár nyomtatott formában engedély nélküli másolása, feldolgozása, jogsértő felhasználása, másolása, többszörözése, kiadása, nyilvános előadása, közzététele szigorúan tilos. A Szerző(k) engedélye nélkül a Szellemi Alkotás nem exportálható, nem terjeszthető, nem árusítható.

A Szellemi Alkotásból bármely részt kivágni, a megcsonkított részt pedig a nyilvánossághoz bármely módon újra közvetíteni, a Szellemi Alkotás tartalmát részben vagy egészben, akár eredeti, akár átirat formában tükrözni, azaz bármely technikai művelet segítségével - még változatlan formában is - a nyilvánossághoz újra közvetíteni, közölni, továbbadni, részben vagy egészben tilos.

Kötelezett felelőssége annak biztosítása, hogy a Szellemi Alkotás harmadik személy által az anyag részben vagy egészben történő bármely módon és célból történő megismerésének és felhasználásának, nyilvánossághoz bármely módon újra közvetítésének, az anyag tartalmát részben vagy egészben - akár eredeti, akár átirat formában - tükrözésének, azaz bármely technikai művelet segítségével - még változatlan formában is - a nyilvánossághoz újra közvetítéséhez, közlésének sugárzásának, továbbadásának, részben vagy egészben megakadályozása.

A fenti feltételek megsértése esetén Szerző(k) a jogsértéssel való felhagyást követelheti, továbbá Other jogi lépések megtételére kényszerül. Ezen jogsértések és a jogosulatlan felhasználás büntető- és polgári jogi következményeket von maga után. A szerzői jogot védi a szerzői jogok és a szerzői joghoz kapcsolódó jogok közös kezeléséről szóló 2016. évi XCIII. [o1rd] törvény.

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AEE Driver

Changed List:

2021/11/23 10:47

1. Add "Z" option in rxrpd
2. Add new command "cenf"
3. Add new command "sbsnd"
4. Add new fields(RAPONumber,RAPOInterrupted) in the response of "rlrn"

2021/11/8 16:38

Change the parameters and the response of sbsn

2021/10/13 10:49

Add two commands(rsm,wsm)

Add options in(pdtdejd, pztzejd,pzrej,rej,sejr)

2021/9/24 14:59

1. Change the max lines of comment(5=>20) of sbd, sbt,sbi
2. Change the parameters of ofr(Pharmacy receipt)
3. Add new command(rej,sejr,rejr)
- 4.Change the status description of bit2~bit4 of byte4

2021/9/2 8:53

- 1.Add field Display of sbd, sbt,sbi
2. Add new command sqr

2021/7/12 11:41

Add Two User Mode at Status description

Add new field "Comment" of Open Pharmacy Receipt(ofr)

Add new field "InvoiceType" of rsl, wsl, and the response data of rsl

Add report type of command "rxrpd"

Add "flag" optional field in the BarCode message of "pcd"

The command of Close the Free return(bbar), Free strono receipt (sar) change to "crr"

Add option 6 of "rvdd", and changed the response of "rvdd"

NOTE: The error message will in the <data> field if error occur

```
<Response><Echo>F</Echo><Status>a0-80-c0-80-80-ee</Status><Data>Elutasítva</Data><ErrorCode>F001</ErrorCode></Response>
```

2021/6/7 16:24

Add new field "TaxRefNum" of Open Pharmacy Receipt(ofr)

Add new field name of d

2021/5/26 18:02

Add new field(LastOpendayDate) of rd

Add fields (comment) of ofr,fct, opr
Change the fields of wadvert
Change the response of radvert
Add new command rxrpd

2021/4/28 17:08

Add command se (set Ethernet information)

3

2021/4/16 17:34

Add the parameter(CopyCount) in the (Pharmacy/Spec Petrol) Receipt of ofr
Add the parameter PaidParams of crr,sfr,sar,bbr,bbar
Add new filed(FreeReceiptType) and new ReceiptType's options in the result of rs
Add 2 error codes(F135,F136)

2021/02/23 10:19

1.Change the description of Line1,Line2 of sbt

2020/12/29 09:13:

1. Add ReceiptType field of bbr, bbar

2020/12/22 09:34

1. Add one option of opr

2020/12/10 10:05

1.Add the parameter(ItemType) of sbt
2. Add two options at rssm

2020/11/30 10:15

1. Remove the command svfdt
2.Add field(LastSendXmlDate) in the response of rd
3.Change the parameter (Price) of sbt

2020/11/10 15:58

1. Add new parameter uid of wid, rid

2020/10/13 13:39

1. Modify the line number limit(10=>4) of rtm, wtm
2.Add one option in the COPY parameter of RA,PO
3.Add new field "FileName" in the result of rxml
4.Add fields in the result of rcdd
5. Add new field "ReceiptNo" in the result of fct
6.Change the version info when version not matched
7. Modify the parameter(discount) of st, Repair the parameter(discount) of sbt
8. Modify the parameter of pcd

2020/9/30 13:50

1. Add one style (Original style) of pft, pnft, pcd

2020/9/11 11:53:30

1. Add new parameter of wadvert,radvert
2. Changed the max lines of tail message(pcd)
3. Add new parameter of ofr when open the invoice receipt
4. Add new command (rlrn)

2020/7/27 10:59:25

1. Add one parameter (Unique ID) of sbt
2. Add new command rvdd

2020/5/18 15:17:50

1. Add Error Codes

2020/5/15 16:22:54

1. Change the response data of cfr,crr,cspr

2020/5/13 17:30:48

1. Add one option of rcd,wcd
2. Add command sgpsd

2020/4/28 9:51:01

1. Modify the parameters of ofr(spec petrol receipt)

2020/4/23 9:55:50

1. Modify the parameter of wcd
2. Add the description of some parameters of commands
3. Add one option ('S') in the ReceiptType field of sfr
4. Add new receipt (spec petrol receipt) in ofr
5. Add two receipt types (spec petrol receipt, spec petrol strono receipt) of rfr
6. Add new command cspr

2020/4/13 15:54:28

1. Modify the field Comment of sbi
2. Modify the field order of wo

2020/3/31 9:27:31

1. Modify the field order of wid

2020/3/25 10:52:31

1. Add one option(I: Invoice Receipt) in the ReceiptType field of sfr,sar
2. Add ReceiptType field of bbr, bbar
3. Remove pztzej, ptddej commands,

4. Add pdtdejs,pdtdejd, pztzejs, pztzejd commands

2020/3/17 9:04:50

1. Add two response fields (FileSize, PollTime, LastSendXmlNumber, TotalXmlNumber) with rd
2. Add new commands rrp,wrp,ccs, rxml

2020/2/25 18:52:59

1. Change the paramters of ra, po
2. Add four Options of d
3. Change the discount parameter of sbi

5

2020/01/17 14:08:29

1. Add new command rdis, rcdd
2. Add one option("Under-Line") in the Format field of pft, pnft, pcd
3. Add new receipt(Dispenser receipt) of ofr
4. Add new Option(Discount by tax) of d

2019/12/5 14:27:25

1. Add new command rcfc,wcfc,opr
2. Changed the PaidMode parameters of fod, pmt, ra, po, sfr, sar, bbr, bbar
3. Add new paramters of ofr

2019/10/22 13:54:54:

1. Changed the parameters of bbr command
2. Changed the parameters of d command
3. Add answer of the command ra,po Commands
4. Add new command rps

2019/9/30 13:46:45:

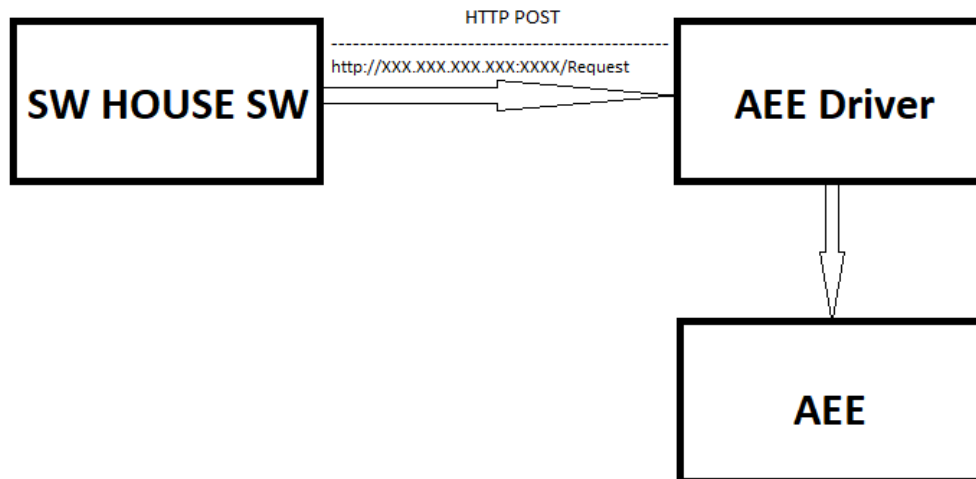
1. Add field ItemNumber in the sbt commands
2. The format field in the pnft, pft, pcd(set custom tail message) commands
3. Add an option of the paidMode Field in the sfr, sar, bbr,bbar commands
4. Changed the Description of the ReceiptNo field in the ofr command

2019/9/5 10:01:50:

1. Changed AEE Status Description
2. Add 3 commands:
 radvert: Read Advertisement
 Wadvert: Write Advertisement
3. Changed Commands: sfr, sar, bbr, bbar, rssm, wssm

1. Structure

1.1 Structure



1.2 HttpPost Example

The commands must use url-encode

[illegible]

NOTE:!!!

If Error occur, the ErrorCode field indicate the error code, and the Data field indicate it's specific error message

2. AEE Error List

F001	Refusethisfunction	F099	Table Not Opened
F002	Clerknotyetloginorloginerror	F100	Table Opened
F003	Quantityinvalid	F101	Table Not Closed
F004	Prohibitvoid	F102	Table Over
F005	Inputpriceerror	F103	
F006	PressFkeyinvalid	F104	
F007	Prohibittopresscashkey	F105	
F008	Prohibittopresscreditkey	F106	ECR BLOCK
F009	Prohibittopresscheckkey	F107	AEE Block
F010	Settimeerror	F108	Custom-Display not Connected
F011	InputbarcodeError	F109	External Power Error
F012	Thereceiptmustbeover	F110	Nincs hálózati kapcsolat
F013	barcodenotyetdownloaded	F111	Curl inicializálási hiba
F014	Passworderror	F112	Curl program hiba
F015	Inputdataerror	F113	Felhő kérés hiba
F016	Dailyreportnotbecleared	F114	Felhő válasz adathiba
F017	ECRisonsale	F115	Felhő végpont hiba
F018	Cashindraweroverflows	F116	Felhő végpont hiba
F019	R/AAmtoverflows	F117	Hibás válaszkód a felhőtől
F020	P/OAmtoverflows	F118	Adatbázis hiba
F021	Salepriceinvalid		
F022	Priceerror	F130	AEE WORK MODE ERROR
F023	Fiscalcodeinvalid	F131	Not Enough Permissions
F024	Taxrateinvalid	F132	Only Sale Last Storno Receipt
F049	DEPNUMBERERR	F133	PLU tiltva, módosítás csak felhőből
F050	ERRORINVOICESALE1	F134	GPS adat frissítés kötelező
F051	ERRORINVOICESALE2	F135	Contain Petrol Item
F052	SERVICEDATEERROR	F136	Payment Amount
F053	RETURN1ERROR		o1rd
F054	initGPRSmodulerror		
F055	GSMconnectNeterror		
F056	connectNVTservererror		
F057	getGSMrealTimeerror		
F058	InitTPMerror		
F059	Clerknamecantsame		
F060	Mustinputcashamount		
F061	Pleaseinputpantercodefirst		
F062	Pleaseinputamount		
F063	PLUkódcsak1-től5000-ig!		
F064	PLUnévkötelező!		
F065	Gyűjtőkódcsak1-től40-ig!		
F066	Gyűjtőnévkötelező!		
F067	Gyűjtőnévmárfoglalt!		

F068	ÉrvényesGyűjtőáfsakulcsmegadásakötelező !		
F069	Gyűjtőáránálcsaknagyobbkorlátadhaó!		
F070	Felárcsak0,00-99,99között!		
F071	Engedménycsak0,00-99,99között!		
F072	Érvénytelendátum!		
F073	Érvénytelenérték!		
F074	INPUTFTAMOUNTERROR		
F075	CLERKERINPUTERROR		
F076	INPUTSPACELINEERROR		
F077	SERVICEMANCODEERROR		
F078	ERRORPLUNAME1		
F079	SDCARDFULL		
F080	InputTaxNumerr		
F081	Receiptnofind		
F082	Receiptalreadystrono		
F083	AEEissuspended		
F084	IntoEurodateerror		
F085	Pingtoomuch		
F086	NeedCustomInfo		
F087	NeedSetBankName		
F088	Symbolcan#39tsame		
F089	Samecheqnoallow		
F090	NonFiscalReceiptOpened		
F025	Deptspaceisfull		
F026	PLUCan`return		
F027	Vatnotfound,		
F028	SUBTOTALOVER		
F029	Ft/€rateisnotset		
F030	Daynoopen		
F031	TAXDNONDISCOUNTABLE		
F032	returnfunctionerror		
F033	Pleasedailyclosetosetautovat		
F034	Pleasedailyclosetoseteuromode		
F035	Dailyamountover,Pleasedailyclose		
F036	GTOVER		
F025	Deptspaceisfull		
F026	PLUCan`return		o1rd
F027	Vatnotfound,	F224	PAPÍRSZALAG
F037	PLUBARCODESAME	F225	KIJELZŐ CSATLAKOZÁSI HIBA
F038	Over24hoursnoclosedayly	F226	BILLENTYŰZET CSATLAKOZÁSI HIBA
F039	PLUREPORTNOTBECLEAR	F227	NYOMTATÓ CSATLAKOZÁSI HIBA
F040	PLUTERMREPORTNOTBECLEAR	F228	SD KÁRTYA CSATLAKOZÁSI HIBA
F041	DEPARTREPORTNOTBECLEARED	F229	AEE FELNYITÁS ÉRZÉKELVE
F042	LOWBATTERY,PLEASEPLUGINECR	F230	PÉNZTÁRGÉP LEÁLLT
F043	InputvtzError	F231	PÉNZTÁRGÉP FELNYITÁS ÉRZÉKELVE
F044	FISCALREGISTRATEERROR	F232	I/O BIZOTTSÁG CSATLAKOZÁSI HIBA
F045	CASHINDRAWERNOENOUGH	F233	Printer Cut(Nyomtató vágás)

F046	NOFISCALINITIATION	F234	Plat Out(Papírkifogyás)
F047	ECRBEBLOCKED	F235	Nyomtató túlmelegedett
F048	DEPBEBLOCKED	F236	AEE Charge Out
F091	NonFiscalReceiptNotOpened	F237	Flash hiba
F092	FiscalReceiptOpened		
F093	FiscalReceiptNotOpened		
F094	ECR DateTime Error		
F095	AEE Busy		o1rd
F096	Error OnlinePlu(Reserved)	F000	Exec OK(AEE may uses this code when capture error failed)
F097	USB MEMORY NOT CONNECT	F998	Pc Should Update
F098	Table Busy	F999	Unknown Error(see the Data field)

3. Command List

The special char in Parameters must follow by HTTP protocol, use URL-Encode to escape them.

You can send multiple commands in one POST command, for this you need to use „SOH” character between the commands inside one POST (only use to sending complete fiscal or non-fiscal receipts)

NOTE!!!

The length of the total parameters of each command must less than 1024 characters (Recommended to use 512 characters)

Command	Description	Parameters(<TAB>:splitor, 0x09, <LF>: splitor1, 0x0A, <CR>:splitor2, 0x0D)
rdt	ReadDevTime	None
wdt	WriteDevTime	<DD-MM-YY><space>HH:MM[:SS]
rfc	ReadForeignCurrency	None
wfc	Write ForeignCurrency	Ft/Euro Rate
wo	Write Operator	ID<TAB>Name<TAB>Password ID: 1~30 Name: Max 10 characters(AEE will auto cut to 10 chars) Password: Max 8 Numeric characters
ro	Read Operator	ID ID: 1~30
rtm	ReadTailMessage	TailLineNumber TailLineNumber: Tail Line Number(1~4)
wtm	WriteTailMessage	TailLineNumber<TAB>TailMessage TailLineNumber: Tail Line Number(1~4) TailMessage: Tail Message
rts	ReadTailSpaceLine	None
wts	WriteTailSpaceLine	Tail Space Line(1~9)
rpd	ReadPrinterDensity	None
wpd	WritePrinterDensity	Printer Density(1~9)
rsl	ReadSubtotalLimit	[InvoiceType] InvoiceType: optional parameter ‘I’ : read invoice receipt Subtotal Limit None or Other: read fiscal receipt Subtotal Limit
wsl	WriteSubtotalLimit	Value(Positive number, else will no effective) [<TAB>InvoiceType] Value:

		FT MODE: Positive Integer Euro Mode: Positive number with 2 decimal places InvoiceType: optional parameter 'I' : Set invoice receipt Subtotal Limit NONE or Other: Set fiscal receipt Subtotal Limit																
rcd	ReadCheckData	Check Option CheckOption: 0: "Force Tender", 1: "Auto Show Euro Amount" 2: "Print X/Z Report" 3: "Auto Print Depart Report", 4: "Auto Print Plu Report" 5: "Cloud" 6: "Portable"																
wcd	WriteCheckData	Check Option(0~6)<TAB>Checked(1/0)																
rdd	ReadDepartData	Depart Index(1~40)																
wdd	WriteDepartData	isBlocked<TAB>depIndex<TAB>depName<TAB>taxCollector<TAB>Price<TAB>limit Amount IsBlocked: "True" or "False" depIndex: 1~40 depName: Depart name taxCollector: Tax Collector, A00~E99 Price: limitAmount:																
rcpm	Read Custom Payment Name	None ^{01rd}																
wcpm	Write Custom Payment Name	Name1... [<LF>Name8] Name: the Custome Payment' s Name, Max lenth 13 bytes Samples: AAAAAAA AAAAAAA<LF>BBBBBBBB AAAAAAA<LF>BBBBBBBB<LF>CCCCCCC NOTE!! For the first position "AFR" is fixed, when sending this command you must include all 8 position but at first please always needs to put this																
rssm	Read Working mode	None																
wssm	Write Working mode	Self-ServiceMode Self-ServiceMode: <table><tr><td>Value</td><td>Description</td></tr><tr><td>'0'</td><td>Retail Mode</td></tr><tr><td>'1'</td><td>Restaurant Mode</td></tr><tr><td>'2'</td><td>Pharmacy Mode</td></tr><tr><td>'3'</td><td>Self-Service Mode</td></tr><tr><td>'4'</td><td>Petrol Station</td></tr><tr><td>'5'</td><td>Petrol Station Basic(no need to communicate with any other device like petrol (EGY))</td></tr><tr><td>'6'</td><td>Petrol Station Self Service</td></tr></table>	Value	Description	'0'	Retail Mode	'1'	Restaurant Mode	'2'	Pharmacy Mode	'3'	Self-Service Mode	'4'	Petrol Station	'5'	Petrol Station Basic(no need to communicate with any other device like petrol (EGY))	'6'	Petrol Station Self Service
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rum	Read Usb Mode	None																

wum	Write Usb Mode	USBMode USBMode: 0-Hid, 1-Virtual Serial Port																											
radvert	Read Advertisement																												
wadvert	Write Advertisement	<Display1><LF><Advertisement1><LF><Display2><LF><Advertisement2> Display1/Display2: '0' (Hide)/' 1' (Show) Advertisement1/Advertisement2: Advertisement																											
rxid	Read X Data	Data Type Data Type: <table><tr><th>Data Type</th><th>Description</th></tr><tr><td>'1'</td><td>Open day</td></tr><tr><td>'2'</td><td>Payment</td></tr><tr><td>'3'</td><td>RA</td></tr><tr><td>'4'</td><td>PO</td></tr><tr><td>'5'</td><td>Drawer</td></tr></table>	Data Type	Description	'1'	Open day	'2'	Payment	'3'	RA	'4'	PO	'5'	Drawer															
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'1'	Open day																												
'2'	Payment																												
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rs	Read Status	None 01rd																											
rl	Read Sale List	Sale List Number																											
cpmm	Change Payment Mode	FromPaymentList<TAB>ToPaymentMode FromPaymentList: [PaidMode1, Amount1<LF>PaidMode2, Amount2...<LF>PaidModeN, AmountN] PaidMode: <table><tr><th>paidMode</th><th>Description</th></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>01~08</td><td>Other1~Other8</td></tr><tr><td>U1~U8</td><td>Custom Payment1~Custom Payment8</td></tr></table> Amount: the Decimal Separator must change to '.' (0x2E) Samples: P, 100.12<TAB>F P, 100.12<LF>N, 100.21<TAB>F	paidMode	Description	P	Local Cash	F0	Equal with Last F Mode	F1~F5	Custom foreign currency	N	Credit	01~08	Other1~Other8	U1~U8	Custom Payment1~Custom Payment8													
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d	Discount	Mode, Value, Comment [Extra-parameters] Mode: <table><tr><th>Mode</th><th>Description</th><th>Value</th></tr><tr><td>M</td><td>-%</td><td>Percent(Change decimal ', ' to '. ')</td></tr><tr><td>P</td><td>+%</td><td>Percent(Change decimal ', ' to '. ')</td></tr><tr><td>I</td><td>Surcharge</td><td>Amount(Change decimal ', ' to '. ')</td></tr><tr><td>D</td><td>Discount</td><td>Amount(Change decimal ', ' to '. ')</td></tr><tr><td>TD</td><td>Tax Discount</td><td>Percent(Change decimal ', ' to '. ')</td></tr><tr><td>TI</td><td>Tax Surcharge</td><td>Percent(Change decimal ', ' to '. ')</td></tr><tr><td>TP</td><td>Tax +%</td><td>Amount(Change decimal ', ' to '. ')</td></tr><tr><td>TM</td><td>Tax -%</td><td>Amount(Change decimal ', ' to '. ')</td></tr></table>	Mode	Description	Value	M	-%	Percent(Change decimal ', ' to '. ')	P	+%	Percent(Change decimal ', ' to '. ')	I	Surcharge	Amount(Change decimal ', ' to '. ')	D	Discount	Amount(Change decimal ', ' to '. ')	TD	Tax Discount	Percent(Change decimal ', ' to '. ')	TI	Tax Surcharge	Percent(Change decimal ', ' to '. ')	TP	Tax +%	Amount(Change decimal ', ' to '. ')	TM	Tax -%	Amount(Change decimal ', ' to '. ')
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TP	Tax +%	Amount(Change decimal ', ' to '. ')																											
TM	Tax -%	Amount(Change decimal ', ' to '. ')																											

		<p>Comment: the comment line</p> <p>Extra-parameters:</p> <p>I: LF<Vat>, <Category></p> <p>Used when Mode = ‘TD’ , ‘ TI’ , ‘ TP’ , ‘ TM’</p> <p>Vat: ‘A’ ~ ‘E’ (exclude ‘ D’)</p> <p>Category: “00” ~ “99”</p> <p>II: CR<Name></p> <p>NOTE: put this field at the end of the command, it can use when Mode = ‘TD’ , ‘ TI’ , ‘ TP’ , ‘ TM’ too.</p> <p>Name: The name of the discount, max length 32 characters</p> <p>CR: 0x0D, ‘\r’</p> <p>Samples:</p> <p>M, 10. 10</p> <p>M, 10. 10, -%10. 10</p> <p>I, 100. 65</p> <p>I, 100. 65, Surcharge100. 65</p> <p>I, 100. 65, Surcharge100. 65<CR>Surcharge100. 65</p> <p>TD, 10, Tax Discount10<LF>A, 00<CR>Tax Discount10</p> <p>NOTE! To use discount to the complete receipt, after adding the items you need to send an “st” command and then the discount</p>																
od	Open Drawer	None ^{01rd}																
clr	Clear	None																
ec	EC	None																
rd	ReadDiagn	None																
ri	ReadItbms	None																
onfr	OpenNon-Fiscal	None																
pnft	PrintNon-FiscalText	<p>[Format]<CR>Line1<LF>[Format]<CR>Line2....<LF>[Format]<CR>LineN<LF></p> <p>Format: 1 character</p> <table><tr><td>Style(Value)</td><td>Description</td></tr><tr><td>Bit0(1)</td><td>Align Left</td></tr><tr><td>Bit1(2)</td><td>Align Center</td></tr><tr><td>Bit2(4)</td><td>Align Right</td></tr><tr><td>Bit3(8)</td><td>Bold</td></tr><tr><td>Bit4(16)</td><td>Double-Height</td></tr><tr><td>Bit5(32)</td><td>Under-Line</td></tr><tr><td>Bit6(64)</td><td>Original (NOT Convert to Upper Case)</td></tr></table> <p>Format = Styles 0x80;</p> <p>If Styles is center(Bit1, 2) bold(Bit3, 8),</p> <p>Styles = 2 8 = 0x0A</p> <p>Format = 0x80 0x0A = 0x8A</p> <p><LF> (0x0A, \n)</p> <p><CR> (0x0D, \r)</p> <p>Line: the Line text, the special char must escaped(URL-Encode)</p> <p>Each line must limited to 64bytes, otherwise will be cause error</p>	Style(Value)	Description	Bit0(1)	Align Left	Bit1(2)	Align Center	Bit2(4)	Align Right	Bit3(8)	Bold	Bit4(16)	Double-Height	Bit5(32)	Under-Line	Bit6(64)	Original (NOT Convert to Upper Case)
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Bit6(64)	Original (NOT Convert to Upper Case)																	

		LineN: MAX 10Lines(if Exceed 10 lines, can send this command repeatedly) Samples: [0x8A] <CR>AAAAAAA<LF>[0x8A] <CR>BBBBB														
cnfr	CloseNon-Fiscal	None ^{01rd}														
ul	User Login	ClerkID<TAB>PassWord ClerkID: Clerk ID(1~30) password: Clerk Password, max 8 Numeric characters														
fod	FiscalOpenDay	Optional Optional: 1. Blank Data 2. “R” : Confirm to Euro Mode 3. [PaidMode1, Amount1 PaidMode2, Amount2... PaidModeN, AmountN] : 0x7C Amount: amount, the Decimal Separator must change to ‘.’ (0x2E) PaidMode: Paid Mode <table><tr><td>paidMode</td><td>Description</td></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>01~08</td><td>Other1~Other8</td></tr><tr><td>U1~U8</td><td>Custom Payment1~Custom Payment8</td></tr></table> Samples: Blank//After “fod” there is no parameters, Default Data R//Is AEE ready to Euro State P, 100. 12(Euro Mode) F0, 100. 12 N, 100. 12(Euro Mode) 01, 100. 12 02, 100. 12 03, 100. 12(Euro Mode) P, 100(FT Mode) F0, 100 N, 100(FT Mode)	paidMode	Description	P	Local Cash	F0	Equal with Last F Mode	F1~F5	Custom foreign currency	N	Credit	01~08	Other1~Other8	U1~U8	Custom Payment1~Custom Payment8
paidMode	Description															
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01~08	Other1~Other8															
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ofr	OpenFiscalReceipt	ClerkID<TAB>Password<TAB>ExternalPower<TAB>InvoiceType<TAB>Params ClerkID: Clerk ID(0~30), 0: use default clerk, 1~30: ClerkID password: Clerk Password, max 8 Numeric characters ExternalPower: 0: Kiosk external power OK 1: External power off or battery is not charged InvoiceType: Blank: Normal Receipt ‘I’ : Invoice Receipt Parameters: <table><tr><td>Number</td><td>Data</td></tr><tr><td>1</td><td>TaxRefNum(fixed 11characters)</td></tr><tr><td>2</td><td><TAB></td></tr><tr><td>3</td><td>Customer Name(MAX 64 characters)</td></tr><tr><td>4</td><td><TAB></td></tr><tr><td>5</td><td>PostCode(Max 16 characters)</td></tr><tr><td>6</td><td><TAB></td></tr></table>	Number	Data	1	TaxRefNum(fixed 11characters)	2	<TAB>	3	Customer Name(MAX 64 characters)	4	<TAB>	5	PostCode(Max 16 characters)	6	<TAB>
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4	<TAB>															
5	PostCode(Max 16 characters)															
6	<TAB>															

7	City (MAX 64 characters)
8	<TAB>
9	Address (MAX 64 characters)
10	<TAB>
11	Street type (MAX 32 characters)
12	<TAB>
13	House number (MAX 32 characters)
14	<TAB>
15	Comment (Max 250 characters)
16	<TAB>
17	Copy Number (1 /2)

‘R’ : refund Receipt

Parameters: refund reason

refund reason	Description
‘1’	
‘2’	
‘3’	

‘P’ : Pharmacy Receipt (All Changed)

Parameters:

Number	Data
1	TaxRefNum (fixed 11 characters)
2	<TAB>
3	Customer Name (MAX 64 characters)
4	<TAB>
5	PostCode (Max 16 characters)
6	<TAB>
7	City (MAX 64 characters)
8	<TAB>
9	Address (MAX 64 characters)
10	<TAB>
11	Street type (MAX 32 characters)
12	<TAB>
13	House number (MAX 32 characters)
14	<TAB>
15	Comment (Max 250 characters)
16	<TAB>
17	ENG. KOD (MAX 32 characters)
18	<TAB>
19	Card ID (MAX 32 characters)
20	<TAB>
21	card Name (MAX 64 characters)
22	<TAB>
23	fundID (Max 32 characters, Optional)
24	<TAB>
25	fund Name (Max 64 characters, Optional)
26	<TAB>

27	fund Address (Max 64 characters, Optional)
28	<TAB>
29	Customer ID (MAX 32characters)
30	<TAB>
31	Copy Number(1 /2)

‘K’ :kiosk mode special receipt(only save into xml,not print)

‘D,<LogicNumber>,<ReceiptType>’ : Open dispenser receipt(petrol mode)

LogicNumber: The dispenser logical address, "1 " ~ "20 "

ReceiptType:

‘1’ : Fiscal receipt(No Parameters field)

‘2’ : Simplified invoice receipt

Parameters:

Number	Data
1	TaxRefNum(fixed 11characters)
2	<TAB>
3	Customer Name(MAX 64 characters)
4	<TAB>
5	PostCode(Max 16 characters)
6	<TAB>
7	City(MAX 64 characters)
8	<TAB>
9	Address(MAX 64 characters)
10	<TAB>
11	Street type(MAX 32 characters)
12	<TAB>
13	House number(MAX 32 characters)
14	<TAB>
15	Comment(Max 250 characters)

‘S’ :Spec Petrol Receipt^{ord}

Parameters:

Number	Data
1	TaxRefNum(fixed 11characters)
2	<TAB>
3	Customer Name(MAX 64 characters)
4	<TAB>
5	PostCode(Max 16 characters)
6	<TAB>
7	City(MAX 64 characters)
8	<TAB>
9	Address(MAX 64 characters)
10	<TAB>
11	Street type(MAX 32 characters)
12	<TAB>
13	House number(MAX 32 characters)
14	<TAB>

16

		<table><tr><td>15</td><td>Comment (Max 250 characters)</td></tr><tr><td>16</td><td><TAB></td></tr><tr><td>17</td><td>ENG. KOD (MAX 32characters)</td></tr><tr><td>18</td><td><TAB></td></tr><tr><td>19</td><td>Card ID (MAX 32characters)</td></tr><tr><td>20</td><td><TAB></td></tr><tr><td>21</td><td>Card name (MAX 64 characters)</td></tr><tr><td>22</td><td><TAB></td></tr><tr><td>23</td><td>FRN (MAX 20characters)</td></tr><tr><td>24</td><td><TAB></td></tr><tr><td>25</td><td>COPY('1' or '2')</td></tr></table>	15	Comment (Max 250 characters)	16	<TAB>	17	ENG. KOD (MAX 32characters)	18	<TAB>	19	Card ID (MAX 32characters)	20	<TAB>	21	Card name (MAX 64 characters)	22	<TAB>	23	FRN (MAX 20characters)	24	<TAB>	25	COPY('1' or '2')						
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25	COPY('1' or '2')																													
		Params: NONE ^{01rd}																												
cfr	CloseFiscalReceipt	<p>In general, the CFR command needs to be sent.</p> <p>There is no need to send command to change if the ticket has been closed under certain circumstances.</p> <p>Now the common solution is to read through the RS state,</p> <p>There is an AEESate flag bit (when equal to 3, indicating that the payment has been completed and the receipt has not been closed),</p> <p>At this point, you can send the command</p>																												
crr	CloseRefoundReceipt When Receipt Type: 1. Recycle receipt 2. free strono 3. free return Use this command to close the receipt	<p>RefoundParam<TAB>PaidParams]</p> <p>RefoundParam: only recycle receipt/free strono/free return useful, recycle payment?</p> <p>'0': nem '1': igen</p> <p>PaidParams: [PaidMode1, Amount1 PaidMode2, Amount2... PaidModeN, AmountN]</p> <p>NOTE: The filed must filled when</p> <p>1. RefoundParam =1</p> <p>2. Receipt is free strono invoice, free strono normal, free return invoice, free return normal</p> <p>Amount: the Decimal Separator must change to '.' (0x2E)</p> <p>If you want to use this paid mode to pay the remain, you must remove</p> <p>The ',' and the amount field, and place this paid mod at the end.</p> <p>PaidMode:</p> <table><tr><td>paidMode</td><td>Description</td></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>01~08</td><td>Other1~Other8</td></tr><tr><td></td><td>01 - Erzsebet card</td></tr><tr><td></td><td>02 - Széchenyi-card</td></tr><tr><td></td><td>03 - gift card</td></tr><tr><td></td><td>04 - loyalty card</td></tr><tr><td></td><td>05 - smartcard</td></tr><tr><td></td><td>06 - bottleback</td></tr><tr><td></td><td>07 - coupon</td></tr><tr><td></td><td>08 - any other cheqs</td></tr></table>	paidMode	Description	P	Local Cash	F0	Equal with Last F Mode	F1~F5	Custom foreign currency	N	Credit	01~08	Other1~Other8		01 - Erzsebet card		02 - Széchenyi-card		03 - gift card		04 - loyalty card		05 - smartcard		06 - bottleback		07 - coupon		08 - any other cheqs
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		<div>U1~U8</div> <div>Custom Payment1~Custom Payment8</div> <div>NOTE! U1 is reserved for “AFR” by default and cant change</div>																															
sbt	SaleByTax	<div>Unique ID<TAB> Line1<TAB> Line2<TAB> UnitName<TAB> Comment<TAB> ItemNumber<TAB> TaxLetter<TAB> Collector<TAB> Price<TAB> Quantity<TAB> Discount<TAB> Display, ItemType</div> <div>Unique ID: unique id of item, max 250 characters, if this empty, use prior id</div> <div>line1: Description 1</div> <div>line2: Description 2, Reserved</div> <div>UnitName: Unit Name(Max 10 characters,if exceed may cause error)</div> <div>Comment: the Comment to Print,MAX (20Lines * 50 characters = 1000characters)</div> <div>Each line 50 characters(if the length of the line is small than 50 characters, you must fill the text to 50 chars, except the last line).No line1, than no line2,</div> <div>In another words, have line1, than line2 can print.</div> <table><tr><th>Line</th><th>Comment</th></tr><tr><td>1</td><td>Comment Line1(50 characters)</td></tr><tr><td>2</td><td>Comment Line2(50 characters)</td></tr><tr><td>3</td><td>Comment Line3(50 characters)</td></tr><tr><td>4</td><td>Comment Line4(50 characters)</td></tr><tr><td>5</td><td>Comment Line5(50 characters)</td></tr><tr><td>...</td><td>...</td></tr><tr><td>20</td><td>Comment Line20(50 characters)</td></tr></table> <div>ItemNumber: Item Number(max 20 characters,if exceed may cause error)</div> <div>tax Letter: Tax number(‘A’ ~’ E’)</div> <div>collector: collector, numeric string(‘00’ ~’ 99’), if invalid auto use ‘00’</div> <div>price: Sale Price(support 4 decimal places, Max 99999999)</div> <div>Empty: the fp decide to use which price</div> <div>Zero: sale zero item</div> <div><0: Void</div> <div>>0: sale</div> <div>quantity: Sale Quantity, if quantity<0 then bottleback(support 3 decimal places, Max 999999999) o1rd</div> <div>discount:</div> <table><tr><th>value</th><th>description</th><th>e. g.</th></tr><tr><td>-%</td><td>percent discount</td><td>-10%</td></tr><tr><td>+%</td><td>percent surcharge</td><td>+5%</td></tr><tr><td>+</td><td>surcharge</td><td>+20</td></tr><tr><td>-</td><td>discount</td><td>-15</td></tr></table>	Line	Comment	1	Comment Line1(50 characters)	2	Comment Line2(50 characters)	3	Comment Line3(50 characters)	4	Comment Line4(50 characters)	5	Comment Line5(50 characters)	20	Comment Line20(50 characters)	value	description	e. g.	-%	percent discount	-10%	+%	percent surcharge	+5%	+	surcharge	+20	-	discount	-15
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		Display: '1' : Not display the item to LCD '0' : Display the item to LCD ItemType: 1: Sale petrol item in the petrol mode 0: Others																															
sbd	SaleByDepart	<Unique ID><TAB>Line1<TAB>Line2 <TAB>UnitName<TAB> Comment<TAB>ItemNumber <TAB>depCode<TAB>Price<TAB>Quantity<TAB>Discount<TAB>Display, ItemType Unique ID: unique id of item, MAX 250 characters, if this empty, use prior id line1: Description 1 line2: Description 2, Reserved UnitName: Unit Name(Max 5 characters,if exceed may cause error) Comment: the Comment to Print(max 1000 characters) <table><tr><td>Line</td><td>Comment</td></tr><tr><td>1</td><td>Comment Line1(50 characters)</td></tr><tr><td>2</td><td>Comment Line2(50 characters)</td></tr><tr><td>3</td><td>Comment Line3(50 characters)</td></tr><tr><td>4</td><td>Comment Line4(50 characters)</td></tr><tr><td>5</td><td>Comment Line5(50 characters)</td></tr><tr><td>...</td><td>...</td></tr><tr><td>20</td><td>Comment Line20(50 characters)</td></tr></table> ItemNumber: Item' s Number(max 20 characters,if exceed may cause error) depCode: Depart code(1~40) price: Sale Price(support 4 decimal places, Max 99999999) Empty: the fp decide to use which price Zero: sale zero item <0: Void >0: sale quantity: Sale Quantity, if quantity<0 then bottleback(support 3 decimal places, Max 999999999) discount: <table><tr><td>value</td><td>description</td><td>e. g.</td></tr><tr><td>-%</td><td>percent discount</td><td>-10%</td></tr><tr><td>+%</td><td>percent surcharge</td><td>+5%</td></tr><tr><td>+</td><td>surcharge</td><td>+20</td></tr><tr><td>-</td><td>discount</td><td>-15</td></tr></table> Display: '1' : Not display the item to LCD '0' : Display the item to LCD ItemType: 1: Sale petrol item in the petrol mode 0: Others	Line	Comment	1	Comment Line1(50 characters)	2	Comment Line2(50 characters)	3	Comment Line3(50 characters)	4	Comment Line4(50 characters)	5	Comment Line5(50 characters)	20	Comment Line20(50 characters)	value	description	e. g.	-%	percent discount	-10%	+%	percent surcharge	+5%	+	surcharge	+20	-	discount	-15
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pmt	Payment	<div>Line1<TAB>Line2<TAB>paidMode<TAB>Amount</div> <div>line1: Description Line1, Reserved</div> <div>line2: Description Line2, Reserved</div> <div>Note!!!</div> <div>Use the Description of the FP Printer</div> <div>Amount: pay amount</div> <div>PaidMode: paid Mode</div> <table><tr><td>paidMode</td><td>Description</td></tr><tr><td>R</td><td>Read Payment List</td></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode(Foreign cash)</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>01~08</td><td>Other1~Other8</td></tr><tr><td>U1~U8</td><td>Custom Payment1~Custom Payment8</td></tr></table>	paidMode	Description	R	Read Payment List	P	Local Cash	F0	Equal with Last F Mode(Foreign cash)	F1~F5	Custom foreign currency	N	Credit	01~08	Other1~Other8	U1~U8	Custom Payment1~Custom Payment8																
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ra	RA	<div>Reason<TAB>PaidMode1, Amount1[PaidMode2, Amount2... PaidModeN, AmountN][COP</div> <div>Y]</div> <div>Reason:</div> <table><tr><td>reason</td><td>Description</td></tr><tr><td>0</td><td>Váltópénzbevétel</td></tr><tr><td>1</td><td>Pénztáros pénzfelvétel</td></tr><tr><td>2</td><td>Díjbeszedés</td></tr><tr><td>3</td><td>Sorsjegyeladás</td></tr><tr><td>4</td><td>Előleg</td></tr><tr><td>5</td><td>Pénztárhiány</td></tr><tr><td>6</td><td>Borravaló</td></tr><tr><td>7</td><td>Egyéb befizetés</td></tr><tr><td>8</td><td>payment type change</td></tr></table> <div>: 0x7C, the separator between amount and type</div> <div>Amount: Ra Amount</div> <div>Note: the Decimal Separator must change to ‘.’ (0x2E)</div> <div>PaidMode: Paid Mode</div> <table><tr><td>paidMode</td><td>Description</td></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode(Foreign cash)</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>01~08</td><td>Other1~Other8</td></tr></table>	reason	Description	0	Váltópénzbevétel	1	Pénztáros pénzfelvétel	2	Díjbeszedés	3	Sorsjegyeladás	4	Előleg	5	Pénztárhiány	6	Borravaló	7	Egyéb befizetés	8	payment type change	paidMode	Description	P	Local Cash	F0	Equal with Last F Mode(Foreign cash)	F1~F5	Custom foreign currency	N	Credit	01~08	Other1~Other8
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20

		<table><tr><td>U1~U8</td><td>Custom Payment1~Custom Payment8</td></tr></table> COPY: Copy Count <table><tr><td>COPY</td><td>Description</td></tr><tr><td>COPY0</td><td>Only save into xml, not print</td></tr><tr><td>COPY1</td><td>1 Copy</td></tr><tr><td>COPY2</td><td>2 Copies(Default)</td></tr></table> Samples: 100,12 => 100.12(the Decimal Separator changed) 0<TAB>P,100.12 0<TAB>F,100.12 N,100.12 0<TAB> F,100.12 N,100.12 O1,100.12 COPY1	U1~U8	Custom Payment1~Custom Payment8	COPY	Description	COPY0	Only save into xml, not print	COPY1	1 Copy	COPY2	2 Copies(Default)																																
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po	P0	Reason<TAB>PaidModel, Amount1[PaidMode2, Amount2... PaidModeN, AmountN] [COP Y]] Reason: <table><tr><td>reason</td><td>Description</td></tr><tr><td>0</td><td>fölözés (skim)</td></tr><tr><td>1</td><td>pénztároslevétel (pay out to cashier)</td></tr><tr><td>2</td><td>utalványkivét (pay out cheq)</td></tr><tr><td>3</td><td>ajándékkártyakivét (gift card pay out)</td></tr><tr><td>4</td><td>bérfizetés (salary pay out)</td></tr><tr><td>5</td><td>munkabéreelőleg (salles deposit)</td></tr><tr><td>6</td><td>postaköltség (post cost)</td></tr><tr><td>7</td><td>egyébrensi (other fee)</td></tr><tr><td>8</td><td>áruvásárlás (buy goods)</td></tr><tr><td>9</td><td>zárösszeglevétel (total pay out)</td></tr><tr><td>10</td><td>egyébki fizetés (other pay out)</td></tr><tr><td>11</td><td>payment type change</td></tr></table> : 0x7C, the separator between amount and type Amount: P0 Amount Note: the Decimal Separator must change to ‘.’ (0x2E) PaidMode: Paid Mode <table><tr><td>paidMode</td><td>Description</td></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>—F</td><td>Foreign Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode(Foreign cash)</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>O1~O8</td><td>Other1~Other8</td></tr><tr><td>U1~U8</td><td>Custom Payment1~Custom Payment8</td></tr></table>	reason	Description	0	fölözés (skim)	1	pénztároslevétel (pay out to cashier)	2	utalványkivét (pay out cheq)	3	ajándékkártyakivét (gift card pay out)	4	bérfizetés (salary pay out)	5	munkabéreelőleg (salles deposit)	6	postaköltség (post cost)	7	egyébrensi (other fee)	8	áruvásárlás (buy goods)	9	zárösszeglevétel (total pay out)	10	egyébki fizetés (other pay out)	11	payment type change	paidMode	Description	P	Local Cash	—F	Foreign Cash	F0	Equal with Last F Mode(Foreign cash)	F1~F5	Custom foreign currency	N	Credit	O1~O8	Other1~Other8	U1~U8	Custom Payment1~Custom Payment8
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		<div>COPY: Copy Count</div> <table><tr><td>COPY</td><td>Description</td></tr><tr><td>COPY1</td><td>1 Copy</td></tr><tr><td>COPY2</td><td>2 Copies(Default)</td></tr><tr><td>COPY0</td><td>Only save into xml, not print</td></tr></table> <div>Samples: 100,12 => 100.12(the Decimal Separator changed) 0<TAB>P,100.12 0<TAB>F,100.12 N,100.12 0<TAB>O1,100.12 O2,100.12,N O3,100.12 COPY2</div>	COPY	Description	COPY1	1 Copy	COPY2	2 Copies(Default)	COPY0	Only save into xml, not print				
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COPY2	2 Copies(Default)													
COPY0	Only save into xml, not print													
rp	RollPaper	<div>LineCount<TAB>rollOption</div> <div>LineCount: roll paper line count(0~99)</div> <div>rollOption:</div> <table><tr><td>rollOption</td><td>Description</td></tr><tr><td>0</td><td>No Effect</td></tr><tr><td>1</td><td>ReceiptPaper</td></tr><tr><td>2</td><td>Journal Paper(Reserved)</td></tr><tr><td>3</td><td>Both Paper</td></tr></table>	rollOption	Description	0	No Effect	1	ReceiptPaper	2	Journal Paper(Reserved)	3	Both Paper		
rollOption	Description													
0	No Effect													
1	ReceiptPaper													
2	Journal Paper(Reserved)													
3	Both Paper													
co	CutOff	None ^{01rd}												
fot	FoodOpenTable	Table No												
fst	FoodSelectTable	Table No												
fct	Food Close Table	<div>TableNo<TAB>TaxFeeAmt[TaxFeeAmt...]<TAB>CloseType<TAB> Parameters</div> <div>TaxLetter: A-E</div> <div>FeeAmt: Must change the decimal symbol (‘,’) to ‘.’</div> <div>CloseType:</div> <table><tr><td>CloseType</td><td>Parameters</td><td>Description</td></tr><tr><td>1</td><td>None</td><td>Closed by FSN receipt</td></tr><tr><td>2</td><td>None</td><td>Closed by fiscal receipt</td></tr><tr><td>3</td><td>TaxNum<TAB>name<TAB>postcode<TAB>city<TAB>address<TAB>street type<TAB>house number<TAB>Comment</td><td>Closed by simplified invoice</td></tr></table> <div>Sameples: A1<TAB>A100<TAB>1 A1<TAB>A100 B100 C200.00<TAB>1</div>	CloseType	Parameters	Description	1	None	Closed by FSN receipt	2	None	Closed by fiscal receipt	3	TaxNum<TAB>name<TAB>postcode<TAB>city<TAB>address<TAB>street type<TAB>house number<TAB>Comment	Closed by simplified invoice
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fp	PrintFood data	TableNo<TAB>PrintType TableNo: PrintType: <table><tr><td>PrintType</td><td>TableNo</td><td>Description</td></tr><tr><td>S</td><td>0</td><td>Print Table Summary</td></tr><tr><td>C</td><td>1~</td><td>Print Copy Table Data</td></tr></table>	PrintType	TableNo	Description	S	0	Print Table Summary	C	1~	Print Copy Table Data																											
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fr	ReadFood Data	TableNo<TAB>OrderNo TableNo: OrderNo: <table><tr><td>TableNo</td><td>OrderNo</td><td>Description</td></tr><tr><td>1~</td><td>1~</td><td>Read the ITL list</td></tr><tr><td colspan="2">Other</td><td>Read the Table List</td></tr></table>	TableNo	OrderNo	Description	1~	1~	Read the ITL list	Other		Read the Table List																											
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pfdrn	PrintFiscal memory DetailReport ByNo	fromNum<TAB>toNum fromNum: from ZCount toNum: to ZCount																																				
pfdrd	PrintFiscal memory DetailReport ByDate	fromDate<TAB>toDate fromDate: from Date(ddMMyy) toDate: to Date(ddMMyy)																																				
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pgr	PrintGeneralReport	PrintOption<TAB>ReportMode PrintOption: 1 save and print, 0 just save ReportMode: <table><tr><td>ReportMode</td><td>Description</td></tr><tr><td>0</td><td>X Tax Report</td></tr><tr><td>1</td><td>X Collector Report</td></tr><tr><td>2</td><td>X Daily Report</td></tr><tr><td>3</td><td>X Depart Report</td></tr><tr><td>4</td><td>X Plu Report</td></tr><tr><td>5</td><td>X Clerk Report</td></tr><tr><td>6</td><td>X All Report</td></tr><tr><td>7</td><td>X Tax Term Report</td></tr><tr><td>8</td><td>X Collector Term Report</td></tr><tr><td>9</td><td>X Depart Term Report</td></tr><tr><td>10</td><td>X Plu Term Report</td></tr><tr><td>11</td><td>X Clerk Term Report</td></tr><tr><td>12</td><td>X All Term Report</td></tr><tr><td>13</td><td>Z Tax Term Report</td></tr><tr><td>14</td><td>Z Collector Term Report</td></tr><tr><td>15</td><td>Z Depart Term Rep</td></tr><tr><td>16</td><td>Z Plu Term Report</td></tr></table>	ReportMode	Description	0	X Tax Report	1	X Collector Report	2	X Daily Report	3	X Depart Report	4	X Plu Report	5	X Clerk Report	6	X All Report	7	X Tax Term Report	8	X Collector Term Report	9	X Depart Term Report	10	X Plu Term Report	11	X Clerk Term Report	12	X All Term Report	13	Z Tax Term Report	14	Z Collector Term Report	15	Z Depart Term Rep	16	Z Plu Term Report
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		<table><tr><td>17</td><td>Z Clerk Term Report</td></tr><tr><td>18</td><td>Z All Term Report</td></tr><tr><td>19</td><td>Z All Report</td></tr></table>	17	Z Clerk Term Report	18	Z All Term Report	19	Z All Report																								
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pdi	PrintDiagnInfo	Option Option: <table><tr><td>Option</td><td>Description</td><td>Option</td><td>Description</td></tr><tr><td>0</td><td>Clerk</td><td>3</td><td>Machine</td></tr><tr><td>1</td><td>Depart</td><td>4</td><td>Service</td></tr><tr><td>2</td><td>System</td><td>5</td><td>Printer</td></tr></table>	Option	Description	Option	Description	0	Clerk	3	Machine	1	Depart	4	Service	2	System	5	Printer														
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pps	PrintParameters Setting	None 01rd																														
pi	PrintItem	fromNum<TAB>toNum fromNum: from plunum toNum: to plunum																														
pcd	Print Custom data	Mode<TAB> Data <table><tr><th>Mode</th><th>Description</th></tr><tr><td>C(0x43)</td><td>Setting barcode message Data: <Type>[flag],<text> Type: <table><tr><th>Type</th><th>Description</th></tr><tr><td>1</td><td>EAN-13</td></tr><tr><td>2</td><td>EAN-8</td></tr><tr><td>3</td><td>CODE39</td></tr><tr><td>4</td><td>CODE128</td></tr><tr><td>q</td><td>QR Code</td></tr></table> Flag: optional, 0/Empty: Not print content 1: Print content Text: the barcode text</td></tr><tr><td>T(0x54)</td><td>Setting tail message Data: [PackIndex]<Format1><CR><Line1><LF>...<Format35><CR><Line35> PackIndex: <table><tr><th>PackIndex</th><th>Description</th></tr><tr><td>Empty/0</td><td>Same as prior, total 1 package(1~35Lines)</td></tr><tr><td>1</td><td>36~70Lines</td></tr><tr><td>2</td><td>71~105Lines</td></tr><tr><td>...</td><td>...</td></tr><tr><td>N</td><td>35*N+1~35*(N +1) (each package max 35lines)</td></tr></table> Format: Same as “pnft” command</td></tr></table>	Mode	Description	C(0x43)	Setting barcode message Data: <Type>[flag],<text> Type: <table><tr><th>Type</th><th>Description</th></tr><tr><td>1</td><td>EAN-13</td></tr><tr><td>2</td><td>EAN-8</td></tr><tr><td>3</td><td>CODE39</td></tr><tr><td>4</td><td>CODE128</td></tr><tr><td>q</td><td>QR Code</td></tr></table> Flag: optional, 0/Empty: Not print content 1: Print content Text: the barcode text	Type	Description	1	EAN-13	2	EAN-8	3	CODE39	4	CODE128	q	QR Code	T(0x54)	Setting tail message Data: [PackIndex]<Format1><CR><Line1><LF>...<Format35><CR><Line35> PackIndex: <table><tr><th>PackIndex</th><th>Description</th></tr><tr><td>Empty/0</td><td>Same as prior, total 1 package(1~35Lines)</td></tr><tr><td>1</td><td>36~70Lines</td></tr><tr><td>2</td><td>71~105Lines</td></tr><tr><td>...</td><td>...</td></tr><tr><td>N</td><td>35*N+1~35*(N +1) (each package max 35lines)</td></tr></table> Format: Same as “pnft” command	PackIndex	Description	Empty/0	Same as prior, total 1 package(1~35Lines)	1	36~70Lines	2	71~105Lines	N	35*N+1~35*(N +1) (each package max 35lines)
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		<p><LF> 0x0A <CR> 0x0D If Exists Line2, then must add <LF>flag to split line</p>
		<p>Samples: C<TAB>1,690123456789 C<TAB>11,690123456789 T<TAB>[0x80]<CR>Line1 T0<TAB>[0x80]<CR>Line1<LF>[0x81]<CR>Line2 T1<TAB>[0x80]<CR>Line1<LF>[0x81]<CR>Line2<LF>[0x82]<CR>Line3 T2<TAB>[0x80]<CR>Line1<LF>[0x81]<CR>Line2<LF>[0x82]<CR>Line3<LF>[0x84]<CR>L4</p>
cd	ClearDisplay	oird
sdt	ShowDateTime	
u	Update	Request AEE software update from gov server
r	Restart	AEE restart
rfr	ReadReceipt	<p>receiptMode<TAB>ZCount<TAB>ReceiptNum receiptMode: '1': sale receipt '2': ra/po receipt '3': return receipt '4': strono normal receipt '5': Pharmacies receipt; '6': Pharmacies strono receipt '7': restaurant receipt '8': spec petrol receipt '9': spec petrol strono receipt ZCount: the zcount of the receipt ReceiptNum: the receipt number of the receipt</p>
sfr	StornFiscalReceipt	<p>APNumber<TAB>Date<TAB>ReceiptType<TAB>Z1Count<TAB>RecNo<TAB>Reason<TAB>taxRefNum<TAB>customerName<TAB>postCode<TAB>city<TAB>address<TAB>street type<TAB>house number<TAB>Comment <TAB>PaidModel1,Amount1[PaidMode2,Amount2... PaidModeN,AmountN] APNumber: the APNumber of the receipt Date: the date of the receipt, YYMMDD ReceiptType: 'P' : Pharmacie Receipt 'F' : Fiscal Receipt(NY) 'I' : Invoice Receipt(SZ) 'S' : Spec petrol receipt Z1Count: the zcount of the receipt RecNo: the receipt number of the receipt</p>

Reason: storm reason

reason	decription
0	egyéb
1	Ügyfélelállása
2	tévesbevétel
3	tévesfizetőeszközbevétel
4	termékn. készl.
5	tévesbiz. típus
6	s. telenfiz. eszk
7	tévesügyf. adat
8	próbavásárlás

taxRefNum: taxRefNumber, fixed 11 characters(may be empty)

customerName: customer name, max 64 characters(may be empty)

postcode: post code, max 16 characters(may be empty)

city: max 64characters(may be empty)

address: max 64 characters(may be empty)

street type: max 32characters(may be empty)

house number: max 32characters(may be empty)

Comment: max 250characters(may be empty)

Amount:

Note: the Decimal Separator must change to ‘.’ (0x2E)

If you want to use this paid mode to pay the remain, you must remove

The ‘,’ and the amount field, and place this paid mod at the end.

paidMode:

paidMode	Description
P	Local Cash
F0	Equal with Last F Mode(Foreign cash)
F1~F5	Custom foreign currency
N	Credit
01~08	Other1~Other8
U1~U8	Custom Payment1~Custom Payment8
Blank/Empty	Use Default payment

sar

Storn Custom Fiscal
Receipt

APNumber<TAB>Date<TAB>ReceiptType<TAB>Z1Count<TAB>RecNo<TAB>Reason<TAB>
taxRefNum<TAB>customerName<TAB>postCode<TAB>city<TAB>address<TAB>street
type<TAB>house number<TAB>Comment

<TAB>PaidMode1, Amount1[|PaidMode2, Amount2...|PaidModeN, AmountN]

APNumber: the APNumber of the receipt

Date: the date of the receipt, YYMMDD

ReceiptType:

F: Fiscal Receipt

I: Invoice receipt (SZ)

Z1Count: the zcount of the receipt

RecNo: the receipt number of the receipt

Reason: storn reason

reason	decription
0	egyéb
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7	tévesügyf. adat
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taxRefNum: taxRefNumber, fixed 11 characters

customerName: customer name, max 64 characters

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F1~F5	Custom foreign currency
N	Credit
01~08	Other1~Other8
U1~U8	Custom Payment1~Custom Payment8
Blank/Empty	Use Default payment

bbr

return fiscal receipt

APNumber<TAB>Date<TAB>ReceiptType<TAB>Z1Count<TAB>RecNo<TAB>Reason<TAB>

taxRefNum<TAB>customerName<TAB>postCode<TAB>city<TAB>address<TAB>street

type<TAB>house number<TAB>Comment <TAB> PaidMode1, Amount1

[|PaidMode2, Amount2...|PaidModeN, AmountN] <TAB>refundItemList

APNumber: the APNumber of the receipt

Date: the date of the receipt, YYMMDD

ReceiptType:

‘P’ : Pharmacie Receipt

‘F’ : Fiscal Receipt (NY)

‘I’ : Invoice Receipt (SZ)

‘S’ : Spec petrol receipt

Z1Count: the zcount of the receipt

RecNo: the receipt number of the receipt

Reason: refund reason

reason	decription
1	Hibásáru
2	Ügyfélelállása
3	Egyéb

taxRefNum: taxRefNumber, fixed 11 characters

customerName: customer name, max 64 characters

postcode: post code, max 16 characters

city: max 64characters

address: max 64 characters

street type: max 32characters

house number: max 32characters

Comment: Max 250characters

Amount:

Note: the Decimal Separator must change to ‘.’ (0x2E)

If you want to use this paid mode to pay the remain, you must remove

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F0	Equal with Last F Mode(Foreign cash)
F1~F5	Custom foreign currency
N	Credit
O1~O8	Other1~Other8
U1~U8	Custom Payment1~Custom Payment8
Blank/Empty	Use Default payment

return item list: refund Item List

if blank then refund all items, else items list

If the item has quantity, then add “:qty” after the item

e. g.

refund item 1, item 2, item11: 1,2,11

refund item 1(Qty: 1.236), item 2(1.651), item11: 1:1.236, 2:1.651, 11

NOTE! item list is starting with item 0 (first line is item 0)

bbar

return custom fiscal
receipt

APNumber<TAB>Date<TAB>ReceiptType<TAB>Z1Count<TAB>RecNo<TAB>Reason<TAB>
taxRefNum<TAB>customerName<TAB>postCode<TAB>city<TAB>address<TAB>street
type<TAB>house number<TAB>Comment
<TAB>PaidMode1, Amount1[|PaidMode2, Amount2...|PaidModeN, AmountN]

APNumber: the APNumber of the receipt

Date: the date of the receipt, YYMMDD

ReceiptType:

F: Fiscal Receipt

I: Invoice receipt(SZ)

Z1Count: the zcount of the receipt

RecNo: the receipt number of the receipt

Reason: refund reason

reason	decription
1	Hibásáru
2	Ügyfélelállása

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		<div>3Egyéb</div> <p><i>taxRefNum:</i> taxRefNumber, fixed 11 characters <i>customerName:</i> customer name, max 64 characters <i>postcode:</i> post code, max 16 characters <i>city:</i> max 64characters <i>address:</i> max 64 characters <i>street type:</i> max 32characters <i>house number:</i> max 32characters <i>Comment:</i> Max 250characters Amount: Note: the Decimal Separator must change to ‘.’ (0x2E) If you want to use this paid mode to pay the remain, you must remove The ‘,’ and the amount field, and place this paid mod at the end. paidMode:</p> <table><tr><th>paidMode</th><th>Description</th></tr><tr><td>P</td><td>Local Cash</td></tr><tr><td>F0</td><td>Equal with Last F Mode(Foreign cash)</td></tr><tr><td>F1~F5</td><td>Custom foreign currency</td></tr><tr><td>N</td><td>Credit</td></tr><tr><td>01~08</td><td>Other1~Other8</td></tr><tr><td>U1~U8</td><td>Custom Payment1~Custom Payment8</td></tr><tr><td>Blank/Empty</td><td>Use Default payment</td></tr></table>	paidMode	Description	P	Local Cash	F0	Equal with Last F Mode(Foreign cash)	F1~F5	Custom foreign currency	N	Credit	01~08	Other1~Other8	U1~U8	Custom Payment1~Custom Payment8	Blank/Empty	Use Default payment
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rsd	Read Service Date	o1rd																
psr	Print Service Report	PrintOption PrintOption: 1.Print and Save; 0.Save																
psyr	Print Service yearly Report	PrintOption PrintOption: 1.Print and Save; 0.Save																
pcdej	Print Current Day EJ Report	PrintOption PrintOption: 1.Print and Save; 0.Save																
pbdej	Print Before Day EJ Report	PrintOption PrintOption: 1.Print and Save; 0.Save																
pdtdejs	Print Date To Date EJ Summary Report	PrintOption<TAB><from date><end date> PrintOption: 1.Print and Save; 0.Save from date: YYMMDDhhmm end date: YYMMDDhhmm																

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pdtdej	Print Date To Date EJ Detail Report	PrintOption<TAB>ReceiptType<TAB><from date><end date> PrintOption: 1.Print and Save; 0.Save from date: YYMMDDhhmm end date: YYMMDDhhmm ReceiptType: check options <table><tr><td>value</td><td>Receipt Type</td></tr><tr><td>1</td><td>x-sale receipt</td></tr><tr><td>2</td><td>x-END receipt</td></tr><tr><td>4</td><td>x-open day receipt</td></tr><tr><td>8</td><td>x-x report</td></tr><tr><td>16</td><td>x-z report</td></tr><tr><td>32</td><td>x-ra/po</td></tr><tr><td>64</td><td>x-return receipt</td></tr><tr><td>128</td><td>x-strono receipt</td></tr><tr><td>256</td><td>x- pharmacie receipt</td></tr><tr><td>512</td><td>x-stronopharmacie receipt</td></tr><tr><td>1024</td><td>x-restaurant receipt</td></tr><tr><td>2048</td><td>x-special petrol receipt</td></tr><tr><td>4096</td><td>x-strono special petrol receipt</td></tr></table>	value	Receipt Type	1	x-sale receipt	2	x-END receipt	4	x-open day receipt	8	x-x report	16	x-z report	32	x-ra/po	64	x-return receipt	128	x-strono receipt	256	x- pharmacie receipt	512	x-stronopharmacie receipt	1024	x-restaurant receipt	2048	x-special petrol receipt	4096	x-strono special petrol receipt
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pztzej	Print Z To Z EJ Detail Report	PrintOption<TAB>ReceiptType<TAB><from Z><end Z> PrintOption: 1.Print and Save; 0.Save from Z: fixed 4 numeric characters, 0000 end Z: fixed 4 numeric characters,0000 ReceiptType: check options <table><tr><td>value</td><td>Receipt Type</td></tr><tr><td>1</td><td>x-sale receipt</td></tr><tr><td>2</td><td>x-END receipt</td></tr><tr><td>4</td><td>x-open day receipt</td></tr><tr><td>8</td><td>x-x report</td></tr><tr><td>16</td><td>x-z report</td></tr><tr><td>32</td><td>x-ra/po</td></tr><tr><td>64</td><td>x-return receipt</td></tr><tr><td>128</td><td>x-strono receipt</td></tr><tr><td>256</td><td>x- pharmacie receipt</td></tr><tr><td>512</td><td>x-stronopharmacie receipt</td></tr><tr><td>1024</td><td>x-restaurant receipt</td></tr><tr><td>2048</td><td>x-special petrol receipt</td></tr><tr><td>4096</td><td>x-strono special petrol receipt</td></tr></table>	value	Receipt Type	1	x-sale receipt	2	x-END receipt	4	x-open day receipt	8	x-x report	16	x-z report	32	x-ra/po	64	x-return receipt	128	x-strono receipt	256	x- pharmacie receipt	512	x-stronopharmacie receipt	1024	x-restaurant receipt	2048	x-special petrol receipt	4096	x-strono special petrol receipt
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pzrej	Print Z Receipt EJ Report	PrintOption<TAB>ReceiptType<TAB><Z Number><Receipt Number> PrintOption: 1.Print and Save; 0.Save ReceiptType: radio option <table><tr><td>value</td><td>Receipt Type</td></tr><tr><td>1</td><td>sale receipt</td></tr><tr><td>2</td><td>ra/po receipt</td></tr><tr><td>3</td><td>return receipt</td></tr><tr><td>4</td><td>strono receipt</td></tr><tr><td>5</td><td>pharmacie receipt</td></tr><tr><td>6</td><td>stronopharmacie receipt</td></tr><tr><td>7</td><td>restaurant receipt</td></tr><tr><td>8</td><td>special petrol receipt</td></tr><tr><td>9</td><td>strono special petrol receipt</td></tr></table> Z Number: fixed 4 numeric characters, 0000 Receipt Number: fixed 5 numeric characters, 00000	value	Receipt Type	1	sale receipt	2	ra/po receipt	3	return receipt	4	strono receipt	5	pharmacie receipt	6	stronopharmacie receipt	7	restaurant receipt	8	special petrol receipt	9	strono special petrol receipt
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plcej	Print Last Copy EJ Report	PrintOption PrintOption: 1.Print and Save; 0.Save																				
raed	Read Auto Euro Date	o1rd																				
tcg	Test Conn/Signal	Type Type: <table><tr><td>value</td><td>Receipt Type</td></tr><tr><td>0</td><td>Gprs Singal Test</td></tr><tr><td>1</td><td>Test Comunication - Connect Server</td></tr><tr><td>2</td><td>Test Comunication - Ping</td></tr></table>	value	Receipt Type	0	Gprs Singal Test	1	Test Comunication - Connect Server	2	Test Comunication - Ping												
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tpmt	TPM Test	None																				
Srv	Show Ram Vollate	None																				
rtct	Rtc Test	None																				
et	Ethernet Test	None																				
wt	Wirelan Test	None																				
ust	Usb Storage Test	None																				
swoo	Switch Wifi On/Off	Type Type: “1” : ON, Return: NONE “0” : OFF, Return: NONE “R” : Read On/Off State, Return: State																				
sboo	Switch BlueTooth ON/OFF	Type Type: “1” : ON, Return: NONE “0” : OFF, Return: NONE “R” : Read On/Off State, Return: State																				
wps	Set comport setting	<PortNumber><TAB><PortType> PortNumber: 1~2 <table><tr><td>PortType</td><td>Description</td><td>PortType</td><td>Description</td></tr><tr><td>0</td><td>Scanner</td><td>3</td><td>Displayer</td></tr><tr><td>1</td><td>PC</td><td>4</td><td>Terminal Payment</td></tr></table>	PortType	Description	PortType	Description	0	Scanner	3	Displayer	1	PC	4	Terminal Payment								
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rps	Read comport setting	<PortNumber> <i>PortNumber: 1~2</i>																																											
opr	Open petrol receipt	<ReceiptType><TAB><PaidMode>[<TAB>PARA] <i>ReceiptType:</i> <table><tr><th>ReceiptType</th><th>Description</th></tr><tr><td>1</td><td>Print fiscal Receipt</td></tr><tr><td>2</td><td>Print simplified Receipt</td></tr><tr><td>3</td><td>Print special petrol receipt</td></tr></table> <i>PaidMode: Same with fod</i> PARA: <i>ReceiptType =1, NO this field</i> <i>ReceiptType = 2, this field refer to the below table.</i> <table><tr><th>Number</th><th>Data</th></tr><tr><td>1</td><td><i>TaxNum(fixed 11characters)</i></td></tr><tr><td>2</td><td><TAB></td></tr><tr><td>3</td><td>Customer Name(MAX 64 characters)</td></tr><tr><td>4</td><td><TAB></td></tr><tr><td>5</td><td>PostCode(Max 16 characters)</td></tr><tr><td>6</td><td><TAB></td></tr><tr><td>7</td><td>City(MAX 64 characters)</td></tr><tr><td>8</td><td><TAB></td></tr><tr><td>9</td><td>Address(MAX 64 characters)</td></tr><tr><td>10</td><td><TAB></td></tr><tr><td>11</td><td>Street type(MAX 32 characters)</td></tr><tr><td>12</td><td><TAB></td></tr><tr><td>13</td><td>House number(MAX 32 characters)</td></tr><tr><td>14</td><td><TAB></td></tr><tr><td>15</td><td>Comment(Max 250 characters)</td></tr></table> <i>ReceiptType = 3,</i> <i>this field refer to the below table.</i>				ReceiptType	Description	1	Print fiscal Receipt	2	Print simplified Receipt	3	Print special petrol receipt	Number	Data	1	<i>TaxNum(fixed 11characters)</i>	2	<TAB>	3	Customer Name(MAX 64 characters)	4	<TAB>	5	PostCode(Max 16 characters)	6	<TAB>	7	City(MAX 64 characters)	8	<TAB>	9	Address(MAX 64 characters)	10	<TAB>	11	Street type(MAX 32 characters)	12	<TAB>	13	House number(MAX 32 characters)	14	<TAB>	15	Comment(Max 250 characters)
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			17	ENG. KOD(MAX 32characters)
			18	<TAB>
			19	Card ID(MAX 32characters)
			20	<TAB>
			21	Card name(MAX 64 characters)
			22	<TAB>
			23	FRN(MAX 20characters)
rcfc	Read custom foreign currency	None		
wcfc	Set custom foreign currency	<Name1><TAB><ExchangeRate1><TAB>...<Name5><TAB><ExchangeRate5> Name: 2~3 Symbols ExchangeRate: Exchange Rate, 4decimal places, must changed the decimal flag to ‘.’		
rdis	Read Dispenser Status	<Logic Num> Logic Num: The dispenser logical address, “1 “ ~ “20 “		
rcdd	Read Current Daily Data	NONE ^{01rd}		
rrp	Read Re-Print	NONE		
wrp	Write Re-Print	<Option> Option: RePrint receipt when receipt is interrupted and started to pay 1: Yes 0: No		
ccs	ae connect customer server	NONE		
rxml	Read XML Data	<FileNo> FileNo: the number of xml file		
cspr	Close Special Petrol Receipt for test	NONE		

rpqrp	Read Payment QR Para	NONE																
wpqrp	Write Payment QR Para	Flag<TAB>BicCode<TAB>IBAN<TAB>Validity <i>Flag</i> : 1 (ON)/ 0(OFF) <i>BicCode</i> : 8 or 11 characters <i>IBAN</i> : Max 28 characters <i>Validity</i> : 0 ~ 9																
sgpsd	Set GPS Data in portable Mode	GSA<TAB>GSB<TAB>GSH GSA: GPS Latitude(WGS84 standard, Max 20 characters) e.g. 11,22,03.04 GSB: GPS Longitude(WGS84 standard, Max 20 characters) e.g. 55,66,07.08 GSH: GPS Altitude in meter(WGS84 standard, Max 5 characters) e.g. 12,3																
rvdd	read the drawer content by vat category	Type Type: 0: read the drawer content amount from tax A to tax E 1: read vat A amount from category 00 to category 99 2: read vat B amount from category 00 to category 99 3: read vat C amount from category 00 to category 99 4: read vat D amount from category 00 to category 99 5: read vat E amount from category 00 to category 99 6[TaxLabel][Collector]: read the amount with the condition TaxLabel: A~E Collector: 00~99																
rlrn	Read Last Full Receipt status	NONE ^{or1d}																
se	Set ethernet information	Manual[<TAB>Ip addr<TAB>Netmask<TAB>Gateway<TAB>Primary DNS<TAB>Secondary DNS] Manual: '0' - DHCP '1' - user data setting if Manual = '1' , Ip addr/Netmask/Gateway/Primary DNS/Secondary DNS must.																
rxrpd	Read Report Print Data	<i>ReportType</i> <i>ReportType</i> : <table><tr><td><i>ReportType</i></td><td>Description</td></tr><tr><td>' T '</td><td>X Tax Report</td></tr><tr><td>' C '</td><td>X Collector Report</td></tr><tr><td>' X '</td><td>X Daily Report</td></tr><tr><td>' D '</td><td>X Depart Report</td></tr><tr><td>' P '</td><td>X Plu Report</td></tr><tr><td>' K '</td><td>X Clerk Report</td></tr><tr><td>' Z '</td><td>Z day close report</td></tr></table>	<i>ReportType</i>	Description	' T '	X Tax Report	' C '	X Collector Report	' X '	X Daily Report	' D '	X Depart Report	' P '	X Plu Report	' K '	X Clerk Report	' Z '	Z day close report
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' P '	X Plu Report																	
' K '	X Clerk Report																	
' Z '	Z day close report																	
sqr	Show QR Code in custom screen	Time,Code Time: display time																

		0: Display until press C key 1~N: Display 1~N seconds. Code: QR Code Data, max 512 characters																				
rej	Read EJ Data	Option[<TAB>Condition] Option: 0: Read Current Day Ej Summary 1: Read Before Day Ej Summary 4: Read Last Receipt Copy 5: Read Data by z no and receipt no Condition: Receipt Type<TAB><Znumber><Receipt Number> <table><tr><th>Receipt Type</th><th>Description</th></tr><tr><td>1</td><td>sale receipt</td></tr><tr><td>2</td><td>ra/po receipt</td></tr><tr><td>3</td><td>return receipt</td></tr><tr><td>4</td><td>strono normal receipt</td></tr><tr><td>5</td><td>pharmacie receipt</td></tr><tr><td>6</td><td>pharmacie strono receipt</td></tr><tr><td>7</td><td>restaurant receipt</td></tr><tr><td>8</td><td>special petrol receipt</td></tr><tr><td>9</td><td>strono special petrol receipt</td></tr></table> Znumber: fixed 4 numeric characters,0000 Receipt Number:fixed 5 numeric characters,00000 NOTE: This command will return all data Samples: 0//Read Current Day Ej Summary 5<TAB>1<TAB>000100002//Read the sale receipt(Zcount=1, Receipt=2)	Receipt Type	Description	1	sale receipt	2	ra/po receipt	3	return receipt	4	strono normal receipt	5	pharmacie receipt	6	pharmacie strono receipt	7	restaurant receipt	8	special petrol receipt	9	strono special petrol receipt
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sejr	Set EJ Range	Option[<TAB>Condition] NOTE: Combined with rej is useful to read the Time-consuming data This parameters is similar with print EJ report, and only return the first package data. Option: 2: Read EJ Detail from date to date Condition: Receipt Type<TAB><fromDate><ToDate> fromDate:YYMMDDhhmm ToDate:YYMMDDhhmm Receipt Type: check options <table><tr><th>value</th><th>Receipt Type</th></tr><tr><td>1</td><td>x-sale receipt</td></tr><tr><td>2</td><td>x-END receipt</td></tr><tr><td>4</td><td>x-open day receipt</td></tr><tr><td>8</td><td>x-x report</td></tr><tr><td>16</td><td>x-z report</td></tr><tr><td>32</td><td>x-ra/po</td></tr><tr><td>64</td><td>x-return receipt</td></tr></table>	value	Receipt Type	1	x-sale receipt	2	x-END receipt	4	x-open day receipt	8	x-x report	16	x-z report	32	x-ra/po	64	x-return receipt				
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rejr	Read EJ Range data	StartPackNo[<TAB>EndPackNo] StartPackNo: start pack number, 1~Max integer EndPackNo: Optional, the end pack number, not smaller than start pack number, If this empty, it set to Max integer																												
rsm	Read service man	NONE																												
wsm	Write service man	CompanyName<TAB>CompanyAddress<TAB>CompanyTelephone CompanyName: Company Name, max 32 characters CompanyAddress: Company Address, max 96 characters CompanyTelephone: Company Telephone, max 32 characters																												
sbsn	Set battery serial number	1) R Read battery serial data.																												

		Format: <LastSetDate>, <BatterySN> <i>LastSetDate</i> : yyyyMMdd <i>BatterySN</i> : the programmed battery serial number 2) Password, BatterySN Program the battery serial number. <i>Password</i> : generate by the specify tools <i>BatterySN</i> : battery serial number, max 20 digitalis
cenf	Cancel NON-Fiscal receipt	NONE ^{01rd}
sbsnd	Set battery SN Date	1) R Read Battery SN Date

4. Response Data Structure (XML Format)

Command	Description	Structure
rdt	ReadDevTime	<Time>Time(“dd-MM-yy hh:mm:ss”)</Time>
rfc	Read Ft/Euro Rate	<ftEuroRate></ftEuroRate>
rtm	ReadTailMessage	<TailLine1(1~4)></TailLine1(1~4)>
ro	Read Operator	<ClerkID></ClerkID><PassWord></PassWord><ClerkName></ClerkName>
rts	ReadTailSpaceLine	<TailSpaceLine></TailSpaceLine>
rpd	ReadPrinterDensity	<PrinterDensity> PrinterDensity </PrinterDensity>
rsl	ReadSubtotalLimit	InvoiceType: ‘I’ : <InvoiceSubtotalLimit>Invoice Subtotal Limit </InvoiceSubtotalLimit> Other: <SubtotalLimit> Subtotal Limit </SubtotalLimit>
rcd	ReadCheckData	<Option(0~6)>Option</Option(0~6)> The node name refer to the request which option. e. g. Send1: rcd<TAB>0 Receive1: <Option0>0</Option0> Send2: rcd<TAB>1 Receive2: <Option1>0</Option1> Option: 0(Not Checked)/ 1(Checked)
rdd	ReadDepartData	<DepartID></DepartID><DepartName></DepartName><Price></Price><LimitAmount></LimitAmount><TaxCollector></TaxCollector><IsBlocked></IsBlocked>
rid	ReadPlu Data	<PluID>PluID</PluID><TaxGroup>TaxGroup</TaxGroup><DepartID>DepartID</DepartID><Price> Price</Price><Stock> Stock </Stock><Unit></Unit><Comment></Comment> <PluName>PluName</PluName><InvItem>InvItem</InvItem><BarCode>BarCode</BarCode><Vtsz>Vtsz</Vtsz><UID>UID</UID><NextPluID>NextPluID</NextPluID>

rcpm	Read Custom Payment Name	<Count>Count</Count><Name0>Name0</Name0>... [<LF> <Name7>Name7</Name7>] Count: The name' s count												
rssm	Read Working mode	<SelfServiceMode>SelfServiceMode</SelfServiceMode> SelfServiceMode: '0' - Retail '1' - Restaurant '2' - Pharmacy '3' - Self Service Automat (kiosk) '4' - Petrol Station '5' - Petrol Station Basic(no need to communicate with any other device like petrol (EGY)) '6' - Petrol Station Self Service												
radvert	Read ^{o1rd} Advertisement	<Display1>< <LF> <Message1>< <LF> <Display2>< <LF> <Message2> Display1/Display2: '0' (Hide)/' 1' (Show) Message1/Message2: Advertisement												
rxid	Read X Data	<XType>XType</XType><EuroMode>EuroMode</EuroMode><LocalCash>LocalCash</LocalCash><ForeignCash>ForeignCash</ForeignCash><Credit>Credit</Credit><Cheque>Cheque1</Cheque><Cheque>Cheque2</Cheque><Cheque>Cheque3</Cheque><Cheque>Cheque4</Cheque><Cheque>Cheque5</Cheque><Cheque>Cheque6</Cheque><Cheque>Cheque7</Cheque><Cheque>Cheque8</Cheque><CustPayMent>CustPayMent1</CustPayMent><CustPayMent>CustPayMent2</CustPayMent><CustPayMent>CustPayMent3</CustPayMent><CustPayMent>CustPayMent4</CustPayMent><CustPayMent>CustPayMent5</CustPayMent><CustPayMent>CustPayMent6</CustPayMent><CustPayMent>CustPayMent7</CustPayMent><CustPayMent>CustPayMent8</CustPayMent>... [<Currency>Currency1</Currency>... [<Currency>Currency40</Currency>]] XType: <table><tr><th>XType</th><th>Description</th></tr><tr><td>'1'</td><td>Open day</td></tr><tr><td>'2'</td><td>Payment</td></tr><tr><td>'3'</td><td>RA</td></tr><tr><td>'4'</td><td>PO</td></tr><tr><td>'5'</td><td>Drawer</td></tr></table> EuroMode: True(euro mode) or false(ft mode) LocalCash: Local Cash ForeignCash: Foreign Cash Credit: Credit amount Cheque1...Cheque8: Cheque data(Other data) CustPayMent1..CustPayMent8: Custom Payment data Currency1..Currency40: Currency data(Maybe not exists)	XType	Description	'1'	Open day	'2'	Payment	'3'	RA	'4'	PO	'5'	Drawer
XType	Description													
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rs	ReadStatus	<AEESState></AEESState><SaleListNum></SaleListNum><ReceiptType></ReceiptType><LineText></LineText><Busy></Busy><UpdateState></UpdateState><BlockState></BlockState><TableState></TableState><FreeReceiptType></FreeReceiptType>[<CustomerDisplay></CustomerDisplay>] AEESState: 0(IDLE), 1(Sale), 2(Pay), 3(Pay Ended) SaleListNum: Sale List Number(Use “rl” to get the sale list) ReceiptType:												

		<table><tr><th>ReceiptType</th><th>Description</th></tr><tr><td>0</td><td>Normal</td></tr><tr><td>1</td><td>Invoice</td></tr><tr><td>2</td><td>Recycle</td></tr><tr><td>3</td><td>Return</td></tr><tr><td>4</td><td>Strono</td></tr><tr><td>5</td><td>Pharmacy</td></tr><tr><td>6</td><td>Restaurant</td></tr><tr><td>7</td><td>Free Strono</td></tr><tr><td>8</td><td>Free Return</td></tr><tr><td>9</td><td>Specific Petrol Receipt</td></tr></table> <table><tr><th>UpdateState</th><th>Description</th></tr><tr><td>0</td><td>No any Update</td></tr><tr><td>1</td><td>Downloading</td></tr><tr><td>2</td><td>Ready to install</td></tr><tr><td>3</td><td>Confirm install (Send “clr” toContinue)</td></tr></table> <p>LineText: the display data in ECR, split by <TAB></p> <p>Busy: the AEE is busy(“1”) or not(“0”)</p> <p>UpdateState: the AEE Update state</p> <p>BlockState: The AEE Block State</p> <table><tr><th>BlockState</th><th>Description</th></tr><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>AEE Block</td></tr><tr><td>2</td><td>Haz Block</td></tr><tr><td>3</td><td>Server Block</td></tr></table> <p>TableState: The Table State</p> <table><tr><th>TableState</th><th>Description</th></tr><tr><td>0</td><td>Idle</td></tr><tr><td>1</td><td>Selected Table</td></tr><tr><td>2</td><td>Ordering</td></tr><tr><td>3</td><td>Payment</td></tr></table> <p>FreeReceiptType: free strono/return receipt type</p> <table><tr><th>FreeReceiptType</th><th>Description</th></tr><tr><td>0</td><td>Normal</td></tr><tr><td>1</td><td>Invoice</td></tr><tr><td>2</td><td>Pharmacy</td></tr><tr><td>3</td><td>Specific Petrol receipt</td></tr></table> <p>CustomerDisplay: Customer Display text, exists when working mode is self-service mode, split by <TAB></p>	ReceiptType	Description	0	Normal	1	Invoice	2	Recycle	3	Return	4	Strono	5	Pharmacy	6	Restaurant	7	Free Strono	8	Free Return	9	Specific Petrol Receipt	UpdateState	Description	0	No any Update	1	Downloading	2	Ready to install	3	Confirm install (Send “clr” toContinue)	BlockState	Description	0	None	1	AEE Block	2	Haz Block	3	Server Block	TableState	Description	0	Idle	1	Selected Table	2	Ordering	3	Payment	FreeReceiptType	Description	0	Normal	1	Invoice	2	Pharmacy	3	Specific Petrol receipt
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rl	Read Sale List o1rd	If listNo value is “0” response the number of total list Else response the xml of the listNo item for entry ITL. <ITL>																																																														

		<NA></NA> <PN></PN> <UN></UN> <QY></QY> <IU></IU> <TY></TY> <SU></SU> <VC></VC> <RM></RM> </ITL>																														
rd	ReadDiagn	<ModalName> </ModalName><SWVersion></SWVersion> ><HWVersion></HWVersion><Checksum> </Checksum><EuroDuplexKft></EuroDuplexKft><FiscalTime></FiscalTime> ><LastRegisterTime> </LastRegisterTime><SerialNumber></SerialNumber>< ApNum ></ ApNum >< IMEI ></ IMEI >< IMSI ></IMSI><ICCID></ICCID><LastZ></LastZ><LastZTime></LastZTime> <CurrentZ></CurrentZ><CurrentTime></CurrentTime><Status></Status> ><TaxNumber></TaxNumber><IRS></IRS><Company></Company><Address></Addre ss><FileSize></FileSize><PollTime></PollTime> <LastSendXmlNumber></LastSendXmlNumber><TotalXmlNumber></TotalXmlNumbe r><LastSendXmlDate></LastSendXmlDate><LastOpendayDate></LastOpendayDat e> FileSize: programming got from server(the max size of send xml file) pollTime: the time of poll server lastSendXml: the number of last send xml file totalXml: the total number of xml file LastSendXmlDate: the date of last send xml file LastOpendayDate: Last open day date STATUS:(same as the read status command) <table border="1"> <thead> <tr> <th>Bit</th><th>Value</th><th>Description</th></tr> </thead> <tbody> <tr> <td>0</td><td>1</td><td>Forint üzemmód</td></tr> <tr> <td>1</td><td>2</td><td>Felkészülési üzemmód</td></tr> <tr> <td>2</td><td>4</td><td>Euró kivezetési üzemmód</td></tr> <tr> <td>3</td><td>8</td><td>Euró üzemmód</td></tr> <tr> <td>4</td><td>16</td><td>AEE blokkolt</td></tr> <tr> <td>5</td><td>32</td><td>Ház blokkolt</td></tr> <tr> <td>6</td><td>64</td><td>NAV blokkolt</td></tr> <tr> <td>7</td><td>128</td><td>Üzemeltetés befejezve</td></tr> <tr> <td>8</td><td>256</td><td>Rendszerbe állítva</td></tr> </tbody> </table>	Bit	Value	Description	0	1	Forint üzemmód	1	2	Felkészülési üzemmód	2	4	Euró kivezetési üzemmód	3	8	Euró üzemmód	4	16	AEE blokkolt	5	32	Ház blokkolt	6	64	NAV blokkolt	7	128	Üzemeltetés befejezve	8	256	Rendszerbe állítva
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ri	ReadItbms	<ItbmA>ItbmA</ItbmA><ItbmB>ItbmB</ItbmB><ItbmC>ItbmC</ItbmC> <ItbmD>ItbmD</ItbmD><ItbmE>ItbmE</ItbmE>																														
st	SubTotal ^{o1rd}	<TotalAmount>TotalAmount</TotalAmount><TAXAmountA>TAXAmountA</TAXAmountA> <TAXAmountB>TAXAmountB</TAXAmountB><TAXAmountC>TAXAmountC</TAXAmountC> <TAXAmountD>TAXAmountD</TAXAmountD> <TAXAmountE>TAXAmountE</TAXAmountE>																														

cfr	CloseFiscalReceipt	<div><ReceiptNo>ReceiptNo</ReceiptNo></div> <div>ReceiptNo:</div> <div><Receipt No1>[, <Receipt No2>]</div> <div>Receipt No1: z no and receipt no, e.g.:0001/00005</div> <div>Receipt No2: it is the number for the special receipt type, e.g. Y04700048/0001/00002(invoice receipt)</div>													
ofr	Open Fiscal Receipt	<div><ReceiptNo>ReceiptNo</ReceiptNo></div> <div>ReceiptNo:</div> <div><Receipt No1>[, <Receipt No2>]</div> <div>Receipt No1: z no and receipt no, e.g.:0001/00005</div> <div>Receipt No2: it is the number for the special receipt type, e.g. Y04700048/0001/00002(invoice receipt)</div>													
crr	CloseRefoundReceipt	<div><Allreceipt>Allreceipt</Allreceipt><FiscReceipt>FiscReceipt</FiscReceipt></div>													
rfr	Read Receipt	<div><FileContent></FileContent></div>													
pmt	Payment	<div><PaidCode></PaidCode></div> <table><tr><td>PaidCode</td><td>Data</td></tr><tr><td>D</td><td><ResidualAmount>ResidualAmount</ResidualAmount></td></tr><tr><td>E</td><td><SubtotalAmount>SubtotalAmount</SubtotalAmount></td></tr><tr><td>R</td><td><ChangeAmount>ChangeAmount</ChangeAmount></td></tr><tr><td>I</td><td><SubtotalAmount>SubtotalAmount</SubtotalAmount></td></tr><tr><td>Other</td><td><UnSupport>UnSupport</UnSupport></td></tr></table> <div><PayList></div> <div><Item1><Name>Name</Name><Amount> Amount </Amount></Item1></div> <div>...</div> <div><ItemN><Name>Name</Name><Amount> Amount </Amount></ItemN></div> <div></PayList></div>		PaidCode	Data	D	<ResidualAmount>ResidualAmount</ResidualAmount>	E	<SubtotalAmount>SubtotalAmount</SubtotalAmount>	R	<ChangeAmount>ChangeAmount</ChangeAmount>	I	<SubtotalAmount>SubtotalAmount</SubtotalAmount>	Other	<UnSupport>UnSupport</UnSupport>
PaidCode	Data														
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onfr	Open Non Fiscal Receipt	<div><OIssuedReceipts>Issued Receipts</OIssuedReceipts></div>													
cnfr	Close Non Fiscal Receipt	<div><CissuedReceipts> IssuedReceipts </CissuedReceipts></div>													
rsd	Read Service Date	<div><ServiceDate>ServiceDate(dd-MM-yy) </ServiceDate></div>													
raed	ReadAutoEuroDate ^{o1rd}	<div><PrepareDate></PrepareDate><IntoEuroDate></IntoEuroDate><EndPrintFtDate></EndPrintFtDate></div>													
fod	Fiscal open day	<div><Status></Status></div> <div>If the sended parameter is ‘R’ , The data is showed as the table, else the data is the open day number</div> <table><tr><td>Status</td><td>Description</td></tr><tr><td>0</td><td>None</td></tr><tr><td>1</td><td>Continue open day after window closed</td></tr><tr><td>2</td><td>Confirm to continue</td></tr><tr><td>3</td><td>Cannot continue open day after window closed</td></tr></table>		Status	Description	0	None	1	Continue open day after window closed	2	Confirm to continue	3	Cannot continue open day after window closed		
Status	Description														
0	None														
1	Continue open day after window closed														
2	Confirm to continue														
3	Cannot continue open day after window closed														

fst	Food select Table	<TableData>TableAmount</TableData>																	
fct	Food Close Table	<TableData>need pay amount</TableData><ReceiptNo></ReceiptNo> If closetype = '2' (print fiscal receipt) , '3' (print simplified invoice) this may important ReceiptNo: <Receipt No1>[HT<Receipt No2>] Receipt No1:the number of receipt Receipt No2: invoice receipt number, only close receipt by invoice receipt																	
fr	Food Read ^{o1rd}																		
		TableNo	OrderNo Data																
		1~	1~ <TableData><SUM></SUM><ITL></ITL></TableData>																
		Other <TableData>TableNo, Amount, OrderCount</TableData>																	
swoo	Switch Wifi On/Off	<WifiState>WifiState</WifiState> WifiState: "1" : ON "0" : OFF																	
sboo	Switch BlueTooth ON/OFF	<BlueToothState>BlueToothState</BlueToothState> BlueToothState: "1" : ON "0" : OFF																	
ra	ra	<ReceiptNum>ReceiptNum</ReceiptNum>																	
po	po	<ReceiptNum>ReceiptNum</ReceiptNum>																	
rps	Read comport setting	<PortSetting(1~2)>PortType</PortSetting(1~2)> <table border="1"> <thead> <tr> <th>PortType</th><th>Description</th><th>PortType</th><th>Description</th></tr> </thead> <tbody> <tr> <td>0</td><td>Scanner</td><td>3</td><td>Displayer</td></tr> <tr> <td>1</td><td>PC</td><td>4</td><td>Terminal Payment</td></tr> <tr> <td>2</td><td>Scale</td><td></td><td></td></tr> </tbody> </table>		PortType	Description	PortType	Description	0	Scanner	3	Displayer	1	PC	4	Terminal Payment	2	Scale		
PortType	Description	PortType	Description																
0	Scanner	3	Displayer																
1	PC	4	Terminal Payment																
2	Scale																		
rcfc	Read custom foreign currency	<Count></Count><Items0><Name></Name><Rate></Rate></Items0>...<Items5><Name></Name><Rate></Rate></Items5>																	
rdis	Read Dispenser Status	<DispenserStatus>DispenserStatus</DispenserStatus> DispenserStatus: check dispenser counter can back to 0(only for petrol mode) 0: the dispenser not exist 1: NO 2: YES(can back to 0)																	
rcdd	Read Current Daily Data	<ZNum>ZNum</ZNum><TaxAbleAmount1>TaxAbleAmount1</TaxAbleAmount1><TaxAbleAmount2>TaxAbleAmount2</TaxAbleAmount2><TaxAbleAmount3>TaxAbleAmount																	

		3</TaxAbleAmount3><TaxAbleAmount4>TaxAbleAmount4</TaxAbleAmount4><TaxAbleAmount5>TaxAbleAmount5</TaxAbleAmount5><NetAmount>NetAmount</NetAmount><SurchargeAmount>SurchargeAmount</SurchargeAmount><VoidAmount>VoidAmount</VoidAmount><DiscountAmount>DiscountAmount</DiscountAmount><BottleBackAmount>BottleBackAmount</BottleBackAmount><ReceiptCount>ReceiptCount</ReceiptCount><InvoiceCount>InvoiceCount</InvoiceCount><TotalReceiptCount>TotalReceiptCount</TotalReceiptCount><InterruptCount>InterruptCount</InterruptCount><StronoCount>StronoCount</StronoCount><StronoAmount>StronoAmount</StronoAmount><ReturnCount>ReturnCount</ReturnCount><ReturnAmount>ReturnAmount</ReturnAmount><SaleTotal>SaleTotal (Summed Amount From register)</SaleTotal> <PharmaciesCount></PharmaciesCount><PharmaciesAmount></PharmaciesAmount><PharmaciesStronoCount></PharmaciesStronoCount><PharmaciesStronoAmount></PharmaciesStronoAmount><RestaurantCount></RestaurantCount><RestaurantAmount></RestaurantAmount><PetrolSaleCount></PetrolSaleCount><PetrolSaleAmount></PetrolSaleAmount><PetrolStronoCount></PetrolStronoCount><PetrolStronoAmount></PetrolStronoAmount><PetrolPayAmount></PetrolPayAmount>
rrp	Read Re-Print	<Option></Option> Option: RePrint receipt when receipt is interrupted and started to pay 1: Yes 0: NO
rxml	Read XML Data o1rd	<FileContent></FileContent><FileName></FileName>
cspr	Close Special Petrol Receipt for test	<Allreceipt>Allreceipt</Allreceipt><FiscReceipt>FiscReceipt</FiscReceipt>
rpqrp	Read Payment QR Para	<Flag>Flag</Flag><BicCode>BicCode</BicCode><IBAN>IBAN</IBAN><Validity>Validity</Validity>
rvdd	read the drawer content by vat category	The result data according to the TYPE parameter. TYPE: 0: AbleAmountA<HT>VatAmountA<HT>AbleAmountB<HT>VatAmountB<HT>AbleAmountC<HT>VatAmountC<HT>AbleAmountD<HT>VatAmountD<HT>AbleAmountE<HT>VatAmountE 1~5: Collector<HT>Collector AbleAmount<HT>Collector VatAmount...<HT>CollectorN<HT>Collector AbleAmountN<HT>Collector VatAmountN Note: if the collector sales, the data will be exists, else no this collector data 6: AbleAmount<HT>VatAmount
rlrn	Read Last Full Receipt Status	<ZNumber></ZNumber><FiscalNumber></FiscalNumber><FiscalInterrupted></FiscalInterrupted><InvoiceNumber></InvoiceNumber><InvoiceInterrupted></InvoiceInterrupted><StornoNumber></StornoNumber><StornoInterrupted></StornoInterrupted><ReturnNumber></ReturnNumber><ReturnInterrupted></ReturnInterrupted><RefundNumber></RefundNumber><RefundInterrupted></RefundInterrupted><PharmacNumber></PharmacNumber><PharmacInterrupted></PharmacInterrupted><StornoPharmacNumber></StornoPharmacNumber><StornoPharm

		acInterrupted></StornoPharmacInterrupted><RestaurantNumber></Restauran tNumber><RestaurantInterrupted></RestaurantInterrupted><PetrolNumber>< /PetrolNumber><PetrolInterrupted></PetrolInterrupted><StornoPetrolNumb er></StornoPetrolNumber><StornoPetrolInterrupted></StornoPetrolInterru pted><RAPONumber></RAPONumber><RAPOInterrupted></RAPOInterrupted> ZNumber: last ZNumber FiscalNumber...StornoPetrolNumber: the last receipt number of each receipt FiscalInterrupted...StornoPetrolInterrupted: the last Interrupted flag of each receipt(1: Interuppted, 0:No)
sfr	StornFiscalRece ipt	<ReceiptNo></ReceiptNo> ReceiptNo: <Receipt No1>[HT<Receipt No2>] Receipt No1: z no and receipt no, e.g.:0001/00005 Receipt No2: it is the number for the special receipt type, e.g. Y04700048/0001/00002(invoice receipt)
sar	Storn Custom Fiscal Receipt	<ReceiptNo></ReceiptNo> ReceiptNo: <Receipt No1>[HT<Receipt No2>] Receipt No1: z no and receipt no, e.g.:0001/00005 Receipt No2: it is the number for the special receipt type, e.g. Y04700048/0001/00002(invoice receipt)
bbr	return fiscal receipt	<ReceiptNo></ReceiptNo> ReceiptNo: <Receipt No1>[HT<Receipt No2>] Receipt No1: z no and receipt no, e.g.:0001/00005 Receipt No2: it is the number for the special receipt type, e.g. Y04700048/0001/00002(invoice receipt)
bbar	return custom fiscal receipt	<ReceiptNo></ReceiptNo> ReceiptNo: <Receipt No1>[HT<Receipt No2>] Receipt No1: z no and receipt no, e.g.:0001/00005 Receipt No2: it is the number for the special receipt type, e.g. Y04700048/0001/00002(invoice receipt)
rxrpd	Read X Report Print Data	<FileContent></FileContent> FileContent: File Content
rej	Read EJ Data ^{01rd}	<EJData></EJData> EJData: All EJ Data, equals the content sejr + rejr
sejr	Set EJ Range	<EJData></EJData> EJData: The first package of EJ data, this may be empty
rejr	Read EJ Range data	Format1: <State></State> NOTE: When the AEE search the EJ data, return this format, this command may be send much times. State: "Search...", fixed text Format2: <EJData></EJData><DataEnded></DataEnded> NOTE: When the AEE search completed, return this format EJData: The specified package of EJ Data DataEnded: 1: No more data.

		0: Exits more data, need use this command to read the remaining data, <the start package number> = <the last end pack number>+1
rsm		<ServiceCompName></ServiceCompName><ServiceCompAddress></ServiceCompAddress><ServiceCompTel></ServiceCompTel> <i>ServiceCompName:</i> Company Name <i>ServiceCompAddress:</i> Company Address <i>ServiceCompTel:</i> Company Telephone

5. AEE Status

Response: Byte0-Byte1-Byte2-Byte3-Byte4-Byte5 (80-80-80-80-80-94)

	Bits	Description
Byte0	0	Adatai Hiba
	1	Érvénytelen Command
	2	Vfd Display is disconnected
	3	Display Disconnect
	4	Failure in printing mechanism
	5	General Hiba(<i>generally we can uses this bit to check the status is error</i>)
	6	Eladás Over 24 Hours
	7	
Byte1	0	Sum overflow Two User Mode(2021-07-12 Changed)
	1	Command execute fail
	2	Operational memory closure Hiba Petrol Mode
	3	Low Battery
	4	Pharmacy mód
	5	Nyomtató cover
	6	Restaurant mód
	7	
Byte2	0	No paper
	1	Receipt Interrupted
	2	Electronic journal end
	3	Fiscal Nyugta opened
	4	Electronic journal near end
	5	Non-Fiscal Nyugta opened
	6	Day has been opened
	7	
Byte3	0	AEE ChargeOut
	1	Custom Lcd Disconnect
	2	Server Block
	3	Ecr Uncover
	4	Ecr Off
	5	Ecr Not Working
	6	AEE Uncover

	7	
Byte4	0	FM. Hiba
	1	Exchange mód
	2	FM. no module Paper Fetched
	3	FM. near full Paper Jammed
	4	FM. Full Paper Near Ended
	5	Euro mód
	6	Prepare mód
	7	
Byte5	0	User Suspend
	1	User Register
	2	Ft Euro Setted
	3	Fiscal mód
	4	Self-Service mód
	5	FM. NO. programmed
	6	Auto Euro Setted
	7	

Samples:

For the last byte (94 = 0x94 => 0001 0100B)

BIT7	BIT6	BIT5	BIT4	BIT3	BIT2	BIT1	BIT0
0	0	0	1	0	1	0	0

The bit4 and bit2 is 1, and look up the “byte5” in the status table, and know the status have “Ft Euro Setted” and “Adó rates entered at least once”.^[o1rd]

6. AEE Software Update

When version not matched, the aedriver will send this data format to client.

```
<?xml version="1.0" encoding="utf-8" ?>
```

```
<Response>
```

```
<Echo>FU</Echo>
```

```
<Status>80-80-80-80-94</Status>
```

```
<Data>V1.0.0.6</Data>
```

```
<ErrorCode>F998</ErrorCode>
```

```
</Response>
```

And then called “aeupdate.exe” with parameters “update V1.0.0.6”

Or download from <https://fiscatpenztargep.hu/fp/update.php?version=V1.0.0.6> to get the setup package(for windows) or tar.gz packed files(for linux).

Note:: “V1.0.0.6” is an example, this according to the aee’ s version