

1903 protocol instruction

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Uplink protocol

1. Login package (uplink protocol number: AP00, response: BP00)

Example:	
TRVAP00353456789012345# TRV:Identifier AP00:Command word 353456789012345:Device IMEI number, fixed 15 digits #:Terminator	
response:	Platform reply TRVBP0020150608140830#
Description:	Every time the device disconnects from the server, it needs to re-send the login package 20150608140830 server UTC0 time

2. Location data package, WIFI+GPS+LBS+ status combination to achieve positioning (uplink protocol number: YP14, response: ZP14)

Example:	
TRVYP14080524A2232.9806N11404.9355E000.1061830323.870600090800010200011,460,0,952 0,3671,Home 74-DE-2B-44-88-8C 97&Home1 74-DE-2B-44-88-8C 97&Home2 74-DE-2B-44-88-8C 97&Home3 74-DE-2B-44-88-8C 97# Detailed: TRV Identifier YP14: Command word 080524: May 24, 2008 A:"A" means the data is valid, "V" is invalid, if it is V, then take LBS data 2232.9806N11404.9355E000.1: If the longitude and latitude are invalid, it can be all 0 by default, such as 0000.0000N00000.0000E 22 degrees32.9806N, 114 degrees 04.9355E, speed: 000.1 km / h (如经纬度无效,可默认全为0,如0000.0000N00000.0000E 北纬 22 度 32.9806 分, 东经 114 度 04.9355 分, 速度为 000.1 km/h) 061830: 06:18:30 GMT 323.87:Direction angle 323.87°	

06000908000102000:

060 为 GSM signal,

009 为 Number of satellites involved in positioning,,

080 为 battery power,

0,means ACC status, 1: is on, 2 is off, 0 means no ACC,

01 means Defense status: 00 means none or not set, 01 means fortified, 02 means not fortified;

02 means The current working status of the device: 00 means none or not set, 01 means continuous positioning state (TCP long connection mode), 02 means Power saving working status (TCP short connection mode);

0 means The state of the car's oil switch: 0 means no item, 1 means the oil is on, 2 means the oil is off;

0 is the state of the electric switch of the car: 0 is no option, 1 is the electricity is on, 2 is the electricity is off;

0 means disassembly state: 0 means this function does not exist, 1 means disassembled, 2 means not disassembled;

1 Convert to binary to 0001; The first digit on the right is app vibration alarm: 0 off, 1 on; The second SMS vibration alarm on the right: 0 off, 1 on; The third digit on the right is the telephone alarm: 0 off, 1 on; The first in the sequence is whether there is vibration alarm function: 0 has vibration alarm function, 1 has no such function (转成 2 进制为 0001; 右边第一位为 APP 震动报警: 0 关闭, 1 开启; 右边第二位短信震动报警: 0 关闭, 1 开启; 右边第三位为电话报警: 0 关闭, 1 开启; 顺数第一位为是否存在震动报警功能: 0 有震动报警功能, 1 无此功能)

1 Voice control recording: 0 means no time function, 1 voice control recording is enabled, 2 voice control SMS recording is enabled, 3 voice control callback is enabled, 4 is disabled this function

460,0,9520,3671 : LBS base station data, MCC country code, 460 for China, 0: MNC, 0 for mobile, 9520: LAC, decimal, 3671, CID, decimal

Home|74-DE-2B-44-88-8C|97 : A set of WiFi information. Home is SSID, 74-de-2b-44-88-8c is MAC address, 97 is signal strength, and variables are separated by "|"

WiFi information can have multiple groups separated by "&". When the device uploads the WiFi

name, please remove the special characters or replace it with self increasing numbers	
response:	Platform response ZP14 TRVZP14#
Description:	<p>1. The location package server can save some traffic without responding. The integration can confirm with the server whether to respond to the package;</p> <p>2. The positioning packet is parsed according to the length. The packet length and data bit content must be consistent with the protocol, otherwise the packet parsing exception will be caused;</p> <p>3. When WiFi is not located, the reported data is:</p> <p>TRVYP14080524A2232.9806N11404.9355E000.1061830323.870600090800010200011,460,0,9520,3671#</p> <p>This message applies to all terminals.</p>

3. Device alarm, reply position (uplink protocol number: YP15, response: ZP15)

Example:
<p>TRVYP15080524A2232.9806N11404.9355E000.1061830323.87060009080001020000,460,0,9520,3671,00,zh-cn,00,HOME 74-DE-2B-44-88-8C 97&HOME1 74-DE-2B-44-88-8C 97&HOME2 74-DE-2B-44-88-8C 97&HOME3 74-DE-2B-44-88-8C 97#</p> <p>Detailed:</p> <p>TRV Identifier</p> <p>YP05: Command word</p> <p>080524: May 24, 2008</p> <p>A:"A" means the data is valid, "V" is invalid, if it is V, then take LBS data</p> <p>2232.9806N11404.9355E000.1: ,If the latitude and longitude are invalid, it can be all 0 by default, such as 0000.0000N00000.0000E</p> <p>22 degrees 32.9806 minutes north latitude, 114 degrees 04.9355 minutes east longitude, speed 000.1 km/h</p>

061830: 06:18:30 GMT

323.87: Direction angle 323.87°

06000908000102000:

060 is a GSM signal,

009 is the number of satellites involved in positioning,

080 is the battery level,

0, is ACC state, 1: is on, 2 is off, 0 means no ACC,

01 is the fortified state: 00 means none or not set, 01 means fortified, 02 means not fortified;

02 is the current working status of the device: 00 stands for none or not set, 01 stands for continuous positioning state (TCP long connection mode), 02 stands for power saving working state (TCP short connection mode);

0 is the state of the car's oil switch: 0 is no option, 1 is the oil is on, 2 is the oil is off;

0 is the state of the electric switch of the car: 0 is no option, 1 is the electricity is on, 2 is the electricity is off;

0 means disassembly state: 0 means this function does not exist, 1 means disassembled, 2 means not disassembled;

1 Convert to binary to 0001; The first digit on the right is app vibration alarm: 0 off, 1 on; The second SMS vibration alarm on the right: 0 off, 1 on; The third digit on the right is the telephone alarm: 0 off, 1 on; The first in the sequence is whether there is vibration alarm function: 0 has vibration alarm function, 1 has no such function (转成 2 进制为 0001; 右边第一位为 APP 震动报警: 0 关闭, 1 开启; 右边第二位短信震动报警: 0 关闭, 1 开启; 右边第三位为电话报警: 0 关闭, 1 开启; 顺数第一位为是否存在震动报警功能: 0 有震动报警功能, 1 无此功能)

1 Voice control recording: 0 means no time function, 1 voice control recording is enabled, 2 voice control SMS recording is enabled, 3 voice control callback is enabled, 4 is disabled this function

460,0,9520,3671 : LBS base station data, MCC country code, 460 for China, 0: MNC, 0 for mobile, 9520: LAC, decimal, 3671, CID, decimal;

00 It is the alarm state, 00 is no alarm (01: SOS alarm, 02: power failure alarm, 03 vibration alarm, 04 falling off alarm, 05 entering the fence alarm, 06 leaving the fence alarm, 07 overspeed alarm, 08 displacement alarm, 09 low power alarm, 10 power supply recovery) (为报警状态,00

为无任何报警(01:SOS报警,02:断电报警,03 振动报警,04 脱落报警,05 进围栏报警,06 出围栏报警,07 超速报警,08 位移报警,09 低电报警, 10 供电恢复))

zh-cn: Device language

00: The first 0: Do you need to reply to the address information, 0: No reply, 1 reply.

The second 0: Does the address information contain a mobile phone hyperlink, 0 does not contain, 1 contains

Home|74-DE-2B-44-88-8C|97 : A set of WiFi information. Home is SSID, 74-de-2b-44-88-8c is MAC address, 97 is signal strength, and variables are separated by "|" WiFi information can have multiple groups separated by "&". When the device uploads the WiFi name, please remove the special characters or replace it with self increasing numbers

r The platform responds to ZP15, if there is no need to reply to the address content, the
e address content part of the reply packet is empty.

s TRV**ZP15**6df157335e0253575c71533a53576d7759279053003100300037003953f700200020
p 0068007400740070003a002f002f007700770077002e006700700073002e0063006f006d002f
o 006d00610070002e0061007300700078003f006c00610074003d00320033002e00310032003
n 30026006c006e0067003d003100310033002e003100320033#

s **The content of the platform's response address is HEX's UNICODE code, not plain text. The
e above example content is:**

1079 Nanhai Avenue, Nanshan District, Shenzhen

: <http://www.gps.com/map.aspx?lat=23.123&lng=113.123>

**The content language is automatically judged according to the language in the YP05 data
package, and whether to reply to the hyperlink is also judged according to the YP05 status
UNICODE code uses BIG-ENDIAN (BE) instead of BOM.**

D 1. The package server must respond;
e 2. The positioning packet is parsed according to the length. The packet length and data bit
s content must be consistent with the protocol, otherwise the packet parsing exception will be
c caused;

r 3. When WiFi is not located, the reported data is

i TRVYP15080524A2232.9806N11404.9355E000.1061830323.870600090800010200000,460,0
p ,9520,3671,00,zh-cn,00#

t This message applies to all terminals.

i	
o	
n	
:	

4. Device heartbeat packet (uplink protocol number: YP16, response: ZP16)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	YP16	C_STRING	4	
Delimiter		C_STRING	1	
Message body		C_STRING		The message body length and identification bit are fixed. Please sort strictly according to the protocol
End identifier	#	CHAR	1	

Example:

TRVYP16, 06000908000020030110101111101201#

YP16: Command word

When the device is at rest, the instruction can be used to maintain connection with the platform and solve static drift

06000908000020030110101111101201:060 为 GSM signal,009 为 the number of satellites involved in positioning,080 为 the battery level,0,为 ACC state,, 1: is on, 2 is off, 0 means no ACC; 0 means disassembly state: 0 means this function does not exist, 1 means disassembled, 2 means not disassembled; 02 is the current working status of the equipment: 00 means none or not set, 01 means continuous positioning state (TCP long connection mode), 02 means power saving working state (TCP short connection mode)

0030 represents the reporting interval. Unit: 30 seconds

1 Indicates that fortification 1 is on, 2 is off, and 0 is no such function

1 Convert to binary to 0001; The first digit on the right is app vibration alarm: 0 off, 1 on; The second SMS vibration alarm on the right: 0 off, 1 on; The third digit on the right is the telephone alarm: 0 off, 1 on; The first in the sequence is whether there is vibration alarm function: 0 has vibration alarm function, 1 has no such function (转成 2 进制为 0001; 右边第一位为 APP 震动报警: 0 关闭, 1 开启; 右边第二位短信震动报警: 0 关闭, 1 开启; 右边第三位为电话报警: 0 关闭, 1 开启; 顺数第一位为是否存在震动报警功能: 0 有震动报警功能, 1 无此功能)

010 Indicates the sensitivity of vibration sensor 1-100

1 Voice recording: 0 means no such function, 1 means voice recording is enabled, 2 means Voice SMS recording is enabled, 3 means voice callback is enabled, and 4 means this function is disabled

1 Indicates that the automatic fortification switch 1 is on, 2 is off, and 0 has no such function

1 Indicates that oil status 1 is on (oil status is restored and oil is on), and 2 is off (oil status is disconnected and oil is disconnected)

1 Indicates that the electrical state 1 is on (restore the electrical state, the electrical state is on), and 2 is off (disconnect the electrical state, the electrical state is off)

1 Indicates the external power supply status. 1. Indicates that the external power supply is connected, 2. Indicates that the external power supply is not connected (the external power supply is disconnected and considered as the removal status), and 0 indicates that there is no external power supply

0120 The detected external voltage is 12.0V. When it is 9999, it means that this function is not available

1: Device motion state 1 indicates that the device is in motion state, 2 indicates that the device is in static state, and 0 indicates that the state is invalid

response:	TRV ZP16 #
Description:	The upload frequency of heartbeat package shall not be greater than 5 minutes, and 3 minutes is recommended. Too long time can easily lead to the operator disconnecting from the middle

5. AGPS (uplink protocol number: AP14, response: BP14)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	BP14	C_STRING	4	
Delimiter	,	C_STRING	1	
Base station information			N	Decimal representation
End identifier	#	CHAR	1	

Example:

TRVAP14,460,0,9520,3671#

AP14: Command word

460,0,9520,3671 : LBS base station data, MCC country code, 460 for China, 0: MNC, 0 for mobile, 9520: LAC, decimal, 3671, CID, decimal

response: Platform reply TRV**BP14**,23.113,113.123#
23.113,113.123:**latitude longitude**

Description:

1. The platform must respond to the reply
2. It is recommended to keep only 5 digits after the decimal point of the latitude and longitude of the reply. If it is too long, please consult the equipment party if it has any influence;
3. This message applies to all terminals.

6. The device uploads the SOS number (uplink protocol number: AP21, response: after the BP21 user SMS command is changed, report to the platform)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	AP21	C_STRING	4	
SOS number		C_STRING	N	
End identifier	#	CHAR	1	

Example:

TRVAP21**13412341234**#

AP21: Command word

<p>13412341234: SOS number, separated by commas</p> <p>Example: TRVAP21,,18520079767#, upload the third number, overwrite/add the third number stored on the platform</p> <p>TRVAP21,18672362665,18520079767#, upload the second and third numbers, the function is the same as above</p> <p>TRVAP2118672362665,18672362665,18520079767#, upload 3 numbers, the effect is the same as above</p> <p>TRVAP21,,#, the server receives this message, delete all numbers</p> <p>The number uploaded by the device is 3 at most and 0 at least (0 means 3 numbers are deleted).</p>	
response:	Platform reply TRV BP21 #
Description:	<p>1. This message applies to all terminals;</p> <p>2. The server must respond.</p>

7. Upload the IMSI number and ICCID number of the device to the platform (device upstream: YP02, platform response: ZP02)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	YP02	C_STRING	4	
Delimiter	,	C_STRING	1	
Message body (IMSI number)		C_STRING	N	
Delimiter	,	C_STRING	1	
Message body (ICCID number)		C_STRING	N	
End identifier	#	CHAR	1	
Example:				
<p>TRVYP02,460023136470163,898602B1191550255484#</p> <p>TRV: Identifier</p> <p>YP02: Command word</p> <p>,: Delimiter</p> <p>460023136470163: The IMSI number of the device (460 is China's MCC, 02 is China Mobile MNC, 3136470163 is the mobile subscriber identification number MSIN)</p> <p>898602B1191550255484: ICCID number of the device</p> <p>#: Terminator</p>				
response	Platform response TRV ZP02 #			

Description	1.The platform must respond。 2.The time point of using this protocol: After the login packet AP00 is sent and the response from the platform BP00 is obtained, YP02 is sent immediately。
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8. Voice uplink (uplink protocol No.: ap83, response: bp83)

Example:	
TRVAP83,20140818064408,6,1,1024,XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX#	
explain:	
TRV: identifier AP83 : Command characters 20140818064408 :yyyyMMddHHmmss Format year, day, hour, minute and second, equipment recording time 6: Total number of voice packets 1: The current number of packets is 1 for the first packet and 2 for the second packet,..... The voice time of the same voice packet is the same 1024 :Voice packet length XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX: For the current audio data, the size of each audio packet is 1024 bytes. If the last packet is less than 1024, the actual number of bytes will be taken Voice packet upload rules: Upload according to the package order. If no response package is received from the server after uploading, continue to upload the voice package. After receiving the equipment's reply confirming that the data packet has been received successfully, continue to upload the next data packet in turn..... If the device replies to confirm the packet reception failure status, the previous packet will be sent repeatedly	
Platform response:	TRVBP83,20140818064408,6,1,1# 20140818064408: Device voice time, yyyyMMddHHmmss Format year, day, hour, minute and second 6: Total number of voice packets 1: Which packet is the current device receiving 1: Indicates that the server accepted the data successfully, and 0 indicates that the server failed to accept the data
explain:	This message applies to all terminals

Downlink protocol

9. Set upload interval (downlink protocol No.: wp02, response: xp02)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	WP02	C_STRING	4	
Serial number		C_STRING	6	
time interval		C_STRING	4	Unit: second (decimal)
End identifier	#	CHAR	1	

Example:

TRVWP020000080020#

WP02: **Command word**

000008:The server issues the serial number and the terminal returns it

0020: 20 second interval, maximum limit input 7200.

Response:

Terminal reply TRV**XP02**0000080#

000008: The serial number issued by the server and returned by the device

0: Command execution status, 0 successful, 1 failed

explain:

This message applies to all terminals.

10. Set heartbeat packet interval (issue: dp03, reply: cp03)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	DP03	C_STRING	4	
Serial number	000001	C_STRING	6	
time interval		C_STRING	N	
End identifier	#	CHAR	1	

Example:

TRVDP03000001,180#

TRV: identifier

DP03: Command word

000001: The server issues the serial number and the terminal returns it

180: Indicates the upload time interval of heartbeat packet. Unit: seconds. The limit is 120-300

#: Terminator

Response:

Terminal reply TRV**CP03**0000010#

000001: The serial number issued by the server and returned by the

	device 0 : Command execution status, 0 successful, 1 failed
explain	The terminal must respond

11. Set the SOS number (downlink protocol number: BP11, response: ap11)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	BP11	C_STRING	4	
Serial number		C_STRING	6	
SOS number		C_STRING	N	
End identifier	#	CHAR	1	

Example:

TRVBP11000004**13412341234**#

BP11: Command word

000004: The server issues the serial number and the terminal returns it

13412341234: SOS number, multiple groups can be set, and multiple groups are separated by commas

TRVBP11000004,,18520079767#, Set the 3rd number

TRVBP11000004,18672362665,18520079767#, Set the 2nd and 3rd numbers

TRVBP1100000418672362665,18672362665,18520079767#, Set 3 numbers

Note: the platform does not support the user to send three numbers that are empty, that is, trvbp11000004 does not exist#

There are at most 3 numbers and at least 1 number distributed by the platform.

Response:	Terminal reply TRV AP11 0000040# 000004 : The serial number issued by the server and returned by the device 0 : Command execution status, 0 successful, 1 failed Only after the device returns successfully, the platform will update the device SOS number database and save this SOS number
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explain:	The terminal must reply; This message applies to all terminals.
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12. Delete SOS number (issue bp77 and reply ap77)

Message field	Field value	Type	Length (bytes)	Description
Start identifier	TRV	CHAR	3	
Command word	BP77	C_STRING	4	
Serial number	000001	C_STRING	6	
Message body		C_STRING	N	
End identifier	#	CHAR	1	

Example:	
TRVBP77000001,1,0,1# TRV : identifier BP77 : Command word 000001 : The server issues the serial number and the terminal returns it 1: Indicates whether the first number is deleted. 1 indicates deletion. 0 indicates no deletion 0: indicates whether to delete the second number. 1 indicates to delete. 0 indicates not to delete 1: Indicates whether the third number is deleted. 1 indicates deletion. 0 indicates no deletion #: Terminator	
Response:	Terminal reply TRV AP77 0000010# 000001 : The serial number issued by the server and returned by the device 0 : Command execution status, 0 successful, 1 failed
explain	The terminal must respond

13. Device restart (downlink: bp61)

Example: TRVBP61#	
Parameter Description: Bp61 instruction code # Instruction Terminator	
Response:	TRVAP61# After the device receives the response of uploading ap61 instruction code to the instruction, it starts the restart function
explain	

14. Restore the equipment to factory settings (downlink: bp62)

示例:	
TRVBP62# Parameter Description: Bp62 instruction code # Instruction Terminator	
Response:	After receiving this command, the equipment starts to restore the factory setting function without uplink response
explain	This message applies to all terminals.

15. Change IP or domain name (uplink ap64, downlink bp64)

示例:	
TRVBP64, 120440 , www.321gps.com,8011# TRV : identifier BP64 : command word 120440 serial number, 127.0.0.1 : When indicating IP, the secondary field is IP address, If it is a domain name, this field is the domain name 8011 : Port for uploading data #: Terminator	
Response:	TRVAP64,120440,www.321gps.com,8011# Parameter Description: : AP64 instruction code 120440 When responding, the equipment shall upload the corresponding serial number issued as it is for the platform's corresponding instructions www.gpscar.cn : Device bound domain name , ASCII code 8011 -- port # -- Instruction Terminator
explain	This message applies to all terminals.

16. Set vibration alarm switch (up: ap97; down: bp97)

示例:	
TRV BP97 1000011# TRV: identifier BP97 : Command word	

100001: Serial number 1:1,Start vibration alarm; 0, turn off vibration alarm #: Terminator	
Response:	Platform reply trvap971000010# 100001: serial number issued by the server, returned by the device 0: command execution status, 0 succeeded, 1 failed
explain	

17. OTA upgrade (downlink: bp95)

示例：TRVBP95#	
Parameter Description: BP95 -- instruction code # -- Instruction Terminator	
Response:	TRVAP950# 0: command execution status, 0 success, 1 Failure
explain	After successful reply, enter remote upgrade immediately.

18. Set voice recording switch (up: ap94; down: bp94)

示例：	
TRVBP941000011# TRV: identifier BP94: instruction code 100001: Serial number 1:1. Turn on voice recording; 0, turn off voice recording #: Instruction Terminator	
Response:	Platform reply TRVAP941000010# 100001 : The serial number issued by the server and returned by the device 0: Command execution status, 0 successful, 1 failed
explain	

19. Set the voice control callback switch (up: ap93; down: BP93)

示例:	
TRVBP931000011# TRV: identifier BP93: instruction code 100001: Serial number 1:1. Turn on voice control callback; 0, turn off voice callback #: Instruction Terminator	
Response:	Platform reply TRVAP931000010# 100001: The serial number issued by the server and returned by the device 0: Command execution status, 0 successful, 1 failed
explain	

20. Set LED display switch (up: AP92; down: bp92)

示例:	
TRVBP921000011# TRV: identifier BP92: instruction code 100001: Serial number 1:1. Turn on the LED light; 0, turn off the LED #:Instruction Terminator	
Response:	Platform reply TRVAP921000010# 100001: The serial number issued by the server and returned by the device 0: Command execution status, 0 successful, 1 failed
explain	

21. Remote shutdown (uplink: ap91; downlink: bp91)

示例:	
TRVBP91# TRV: identifier BP91:instruction code	

#: Instruction Terminator	
Response:	Platform reply TRV AP910 # 0: Command execution status, 0 successful, 1 failed
explain	After the reply is successful, the device shuts down

22. Set sleep mode (uplink: ap90; downlink: bp90)

示例:	
TRV BP90 ,100001,1,1,1,163000,1,161500,1,164500,170000# TRV: identifier BP90 : instruction code 100001: Serial number 1: 1. Start lbs positioning; 0, turn off lbs positioning 1: 1. Turn on GPS positioning; 0, turn off GPS positioning 1: 1. Start regularly; 0, turn off timed shutdown 163000: Timed startup time 16:30:00 (valid when timed startup is on) 1: 1. Start timing shutdown; 0, turn off timed shutdown 161500: Timing shutdown time is 16:15:00 (valid when timing shutdown is on) 1: 1. Start and close position data upload; 0: close position data upload (valid when the following data is 1) 164500: The start time of closing position data upload is 16:45:00 170000: The end time of closing position data upload is 17:00:00 #: Instruction Terminator	
Response:	Platform reply TRV AP901000010 # 100001: The serial number issued by the server and returned by the device 0: Command execution status, 0 successful, 1 failed
explain	When the position data upload is turned on or off, the GPS is not on. The later time data must be larger than the previous time, or the distribution fails. The timing of startup and shutdown cannot be the same, otherwise the distribution fails

23. Remote recording (uplink: ap82; downlink: bp82)

示例:	
TRVBP82# TRV: identifier BP82: instruction code #: Instruction Terminator	
Response:	Platform reply TRVAP820# 0: Command execution status, 0 successful, 1 failed
explain	After the terminal replies successfully, it starts recording. Upload the recording file after recording

24. Set the pickup number (Master number (2) original R01 command to set the master number) (issue bp78 and reply to ap78)

示例:	
TRVBP78000001,13510737108,13410988189# TRV: identifier BP78: instruction code 000001: The server issues the serial number and the terminal returns it 13510737108: Indicates the first master number 13410988189: Indicates the second master number Note: since the pickup number only supports one number, only one < input / > is required on the front page of the platform, and the format of bp78 issued in the background is trvbp7800000011310737108#. #: Terminator	
Response:	Terminal reply TRVAP78000001, 13510737108# 000001: The serial number issued by the server, and the device returns the set master control number
explain	This message applies to all terminals.

25. Set the equipment time zone (issue bp15 and reply ap15)

示例:	
TRVBP15000001,8.5# indicates 8:30 east time zone TRVBP15000001,8# indicates East 8 time zone TRVBP15000001,-8# indicates West 8 time zone	

See table for details.	
Response:	Terminal reply TRV AP15 0000010# 000001 : The serial number issued by the server and returned by the device 0 : Command execution status, 0 successful, 1 failed
explain	1. The terminal must reply.