

[LinkStation/TeraStation/玄箱/ARM](#)

<https://mizupc8.bio.mie-u.ac.jp:443/pukiwiki/index.php?LinkStation/TeraStation/%E7%8E%84%E7%AE%B1/ARM>

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This page is about ARM Version LinkStation / TeraStation / KuroBox. [†]

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LS-GL → HS-DHGLization [†]

Since the hardware of LS-GL and HS-DHGL are the same, LS-GL can be converted to HS-DHGL by rewriting the firmware. (Of course, the manufacturer's warranty will no longer work, so it is at your own risk.)

- [technote-LS-GL → HS-DHGL finished](#)
 - [technote-How to make HS-DHGL most stable and highly functional](#)
- [LS-GL « Climbing & Networking](#)

Recovery of RAID data [†]

In TeraStation, / dev / sd [ad] 6 is converted to RAID5 by SoftwareRAID and / dev / md2 is stored in the XFS-formatted partition. Although there are no abnormalities on the disk itself, there have been many reports that the TeraStation system fails and fails to start. It goes without saying that you should always back up your data, but if it doesn't start up, you can retrieve data using the following method.

- [Recovering data from my broken Terastation Pro II](#)
- [TeraStation «In](#)
addition to [BigDiver](#) data recovery, there is information on using TeraStation.
- [TeraStation-X86wiki](#)
This person doesn't seem to recognize / dev / md2 yet.

acp_commander [†]

Unorganized

```
D:\Downloads\Firmware\Buffalo\NASCentral>java -jar acp_commander.jar -t 192.168.12.234 -c "uname -a"
there seems to be no existing prefs, write default values
ACP_commander out of the nas-central.org (linkstationwiki.net) project.
Used to send ACP-commands to Buffalo linkstation(R) LS-PRO.
```

WARNING: This is experimental software that might brick your linkstation!

```
Using random connID value = A7BB7FE9F793
Using target: HS-DHTGLD99/192.168.12.234
Starting authentication procedure...
Sending Discover packet...
A SocketTimeoutException usually indicates bad firewall settings.
Check especially for *UDP* port 22936 and make sure that the connection to your
LS is working.
ERROR: Exception: SocketTimeoutException (Receive timed out) [ACP Send/Receive (
Packet:8020 = ACP_Discover)]
```

```
D:\Downloads\Firmware\Buffalo\NASCentral>java -jar acp_commander.jar -t 192.168.12.234 -c "uname -a"
ACP_commander out of the nas-central.org (linkstationwiki.net) project.
Used to send ACP-commands to Buffalo linkstation(R) LS-PRO.
```

WARNING: This is experimental software that might brick your linkstation!

```
Using random connID value = 52197CD95A7D
Using target: HS-DHTGLD99/192.168.12.234
Starting authentication procedure...
Sending Discover packet...
A SocketTimeoutException usually indicates bad firewall settings.
Check especially for *UDP* port 22936 and make sure that the connection to your
LS is working.
```

```
ERROR: Exception: SocketTimeoutException (Receive timed out) [ACP Send/Receive (
Packet:8020 = ACP_Discover)]
```

```
D:\Downloads\Firmware\Buffalo\NASCentral>java -jar acp_commander.jar -t 192.168.
12.234 -d3 -c "uname -a"
ACP_commander out of the nas-central.org (linkstationwiki.net) project.
Used to send ACP-commands to Buffalo linkstation(R) LS-PRO.
```

WARNING: This is experimental software that might brick your linkstation!

```
Debug level set to 3
Target parameter -t found
Command-line parameter -c given
Using random connID value = C448D66BF7F5
Using cmd-line:
>>uname -a
```

```
Using target:   HS-DHTGLD99/192.168.12.234
Using port:     22936
Using MAC-Address:   FF:FF:FF:FF:FF:FF
Starting authentication procedure...
Sending Discover packet...
Sending 1/1
A SocketTimeoutException usually indicates bad firewall settings.
Check especially for *UDP* port 22936 and make sure that the connection to your
LS is working.
ERROR: Exception: SocketTimeoutException (Receive timed out) [ACP Send/Receive (
Packet:8020 = ACP_Discover)]
```

```
D:\Downloads\Firmware\Buffalo\NASCentral>java -jar acp_commander.jar -t 192.168.
12.234 -d1 -c "uname -a"
ACP_commander out of the nas-central.org (linkstationwiki.net) project.
Used to send ACP-commands to Buffalo linkstation(R) LS-PRO.
```

WARNING: This is experimental software that might brick your linkstation!

```
Debug level set to 1
Using random connID value = 0313765C67AD
Using cmd-line:
>>uname -a
```

```
Using target:   HS-DHTGLD99/192.168.12.234
Using port:     22936
Using MAC-Address:   FF:FF:FF:FF:FF:FF
Starting authentication procedure...
Sending Discover packet...
A SocketTimeoutException usually indicates bad firewall settings.
Check especially for *UDP* port 22936 and make sure that the connection to your
LS is working.
ERROR: Exception: SocketTimeoutException (Receive timed out) [ACP Send/Receive (
Packet:8020 = ACP_Discover)]
```

```
D:\Downloads\Firmware\Buffalo\NASCentral>
```

1.

miconapl [±]

```
usbcore: registered new driver mv7dxu2_d
usbcore: registered new driver mv7dxu2_0
usbcore: registered new driver mv7dxu2_1
usbcore: registered new driver mv7dxu2_2
usbcore: registered new driver mv7dxu2_3
Linux video capture interface: v1.00
averusb: no version for "struct_module" found: kernel tainted.
usbcore: registered new driver AVerMedia USB MPEG-2 Capture
AVerMedia USB MPEG-2 Capture version 0.22 loaded
usbcore: registered new driver usbldp
drivers/usb/class/usbldp.c: v0.13: USB Printer Device Class driver
root@HS-DHTGLD99:~# ls /boot
conf_save.tgz  lost+found  uImage.buffalo
```

```

initrd.buffalo u-boot.buffalo
root@HS-DHTGLD99:~# ls -al /boot
drwxr-xr-x  3 root  root          1024 Sep  3 20:16 .
drwxr-xr-x 18 root  root          4096 Sep  3 20:16 ..
-rw-r--r--  1 root  root        29467 Aug 28 17:21 conf_save.tgz
-rw-r--r--  1 root  root    5121399 Nov  2 2007 initrd.buffalo
drwx-----  2 root  root        12288 Mar 25 17:20 lost+found
-rw-r--r--  1 root  root    245776 Aug 28 17:10 u-boot.buffalo
-rw-r--r--  1 root  root   1839272 Mar 25 17:21 uImage.buffalo
root@HS-DHTGLD99:~# /usr/local/sbin/miconapl -a serialmode_console
root@HS-DHTGLD99:~# lsmod
Module                               Size  Used by
usbblp 14784 0
averusb                645916 0
v4l1_compat            12804 0
v4l2_common            8096 0
videodev 9984 1 averusb
mv7dxu2_3              40804 0
mv7dxu2_2              40804 0
mv7dxu2_1              40804 0
mv7dxu2_0              40772 0
mv7dxu2_d              3560 4 mv7dxu2_3,mv7dxu2_2,mv7dxu2_1,mv7dxu2_0
appletalk              38544 20
psnap                  4516 1 appletalk
llc                    8372 1 psnap
root@HS-DHTGLD99:~# free
              total        used          free      shared    buffers
Mem:         126080        116436          9644           0          92
Swap:        131064           0        131064
Total:       257144        116436        140708
root@HS-DHTGLD99:~# strins
sh: strins: command not found
root@HS-DHTGLD99:~# ls /sbin
badblocks             halt                  modinfo
chk_ip                halt2                 modprobe
debugfs               hdparm               pam_tally
depmod                hotplug              poweroff
dhcpcd                hwclock              reboot
dumpe2fs              ifconfig              reboot2
e2fsck                init                  resize2fs
e2image               insmod               rmmmod
e2label               klogd                route
fdisk                 ldconfig              shutdown
freeramdisk           lsmod                 swapoff
fsck                  mdadm                 swapon
fsck.ext2             mke2fs               sysctl
fsck.ext3             mkfs.ext2             syslogd
generate-modprobe.conf mkfs.ext3             tune2fs
getty                 mkswap               unix_chkpwd
root@HS-DHTGLD99:~# ls /usr/local
BerkeleyDB.4.2  apache              libexec              ssl
BootServer      bin                  sbin
PCast           lib                  share
root@HS-DHTGLD99:~# ls /usr/local/sbin
afpd                  kadmin.local        mt-daapd
apcupsd               kadmind              nas_configgen
atalkd                kdb5_util            nmbd
clientUtil_server     kernelmon            ntpdate
cnid_dbd klogind nvram
cnid_metad kprop omronupsd
daemonwatch           kpropd              pamsmbd
delusrxs krb5-send-pr papd
disk partition krb524d proftpd
diskmon_exec.sh       krb5kdc              rsfwdc
errormon              kshd                 rsfws
ftpsht ktutil sim_server
generate-modprobe.conf logchkd              smbd
gss-server            login.krb5           sserver
in.proftpd            lsprcvd              sshd
k5srvutil             miconapl             uuserver
kadmin               miconmon             winbindd
root@HS-DHTGLD99:~# ls /usr/local/bin
a2p mkraid.sh
achfile mkraid0.sh
acleandir.rc          mkraid1.sh

```

advitov2	mkraid10.sh
aecho mkraid5.sh	
afile	mkrsconf.pl
afpd-mtab.pl nadheader	
afppasswd	nbplkup
agingtest.sh	nbprgstr
agingtest_sub.sh	nbpunrgstr
apple_cp	net
apple_mv	netatalk-config
apple_rm	nicer
asip-status.pl nkf	
backup_done.sh	nmblookup
backup_start.sh	ntlm_auth
binheader now	
bison	odidx
bootchange.sh unwind	
buf_smb_useradd.pl odest	
build_mediaserver_conf.sh	pap
build_mt-daapd_conf.sh	papstatus
build_sync_period.sh	pcastd_job.sh
c2ph	pdbedit
cbcodec	perl
cbtest	perl5.8.8
change_notify.sh	perlbug
chk_diskspace.sh	perlcc
chk_itunesync.sh	perldoc
chk_mediaserver.sh perlivp	
chk_mediaserver_conf.sh	piconv
chk_pcastd.sh	pl2pm
cleanappledouble.pl pod2html	
cnid2_create	pod2latex
cnid_index pod2man	
cnid_maint pod2text	
compile_et	pod2usage
cpan	podchecker
crmgr podselect	
crtest	profiles
crtsv	prove
directcopy	psed
directcopy_job.sh	psorder
directcopy_lcd.sh	pstruct
directcopy_sw_led.sh	raid_rebuild.sh
dpmgr	raid_stat.sh
dprofpp	rcp
dptest	rlmgr
dptsv	rlogin
enc2xs	rltest
erase_raid.sh	rm_corefiles.sh
estcall	rpcclient
estcmd	rsbackup.pl
estconfig	rsh
estload	rsync
estmaster	s2p
estmttest sclient	
estwolefind	scp
eventlogadm	sendmail.sh
exec_libbuffalo	set_time.sh
filecompare	set_timezone.sh
filetest	sftp
find2perl	showppd
findsmb	shutdown.sh
ftpcount	sim_client
ftpdctl	single2bin
ftptop	slogin
ftpwho	smbcacs
getzones	smbclient
gphoto2	smbcontrol
gss-client	smbcquotas
h2ph	smbget
h2xs	smbpasswd
hdd_check_normal.sh	smbspool
hdd_format.sh smbstatus	
hexdump	smbtar
hqx2bin	smbtree
hvmgr splain	

hvttest	ssh
iconv	ssh-add
imhere.sh	ssh-agent
initconfig.sh	ssh-keygen
initsw.sh	ssh-keyscan
initweb.sh	stop
instmodsh tdbbackup	
kdestroy tdbdump	
kernelmon_exec.sh	tdbtool
keyinput	testparm
kinit	time_set.sh
klist	timeout
kpasswd	tsnavi_mkjbod.sh
krb5-config	tsnavi_mknormal.sh
krb524init	tsnavi_mkraid0.sh
ksu	tsnavi_mkraid1.sh
kvno tsnavi_mkraid10.sh	
lcd_error_man.sh	tsnavi_mkraid5.sh
libbuffalo unbin	
libbuffalo_bin unhex	
libnetcfg	uniconv
lp2pap.sh	unsingle
ls_sonar uuclient	
m4 v4rcp	
macbinary	vercomp
macusers	vlmgr
mailtest.sh	vltest
megatron	vltsv
melsub_directcopy.sh wbinfo	
melsub_usbunmount.sh	xsubpp
miconmon_exec.sh	yacc
mkjbod.sh	zerofill.sh
root@HS-DHTGLD99:~# ls /usr/bin	
[mkfifo
[
arm-none-linux-gnueabi-ar	nl
arm-none-linux-gnueabi-ranlib	od
awk openvt	
basename	passwd
bashbug paste	
bunzip2	perl
bzcat pr	
captoinfo	printf
chattr	ptx
chvt	readlink
cksum	realpath
clear	reset
cmp	resetall
comm	rsync
crontab	sdiff
csplit	seq
cut	sha1sum
deallocvt	sort
diff	split
diff3	strings
dirname	sum
you tac	
env thanks	
expand	tail
expr	tee
file	test
find	tic
fmt	time
fold	tmail
free	toe
head	top
hexdump	tput
hostid	tr
id	tset
infocmp tsort	
infotocap	tty
install	unexpand
join	uniq
killall	uptime
ldapadd	uuidgen

```

ldapcompare      wc
ldapdelete       which
ldapmodify       who

ldapmodrdn       whoami
ldappasswd       xargs
ldapsearch       xfs_admin
ldapwhoami       xfs_bmap
ldd              xfs_check
length           xfs_copy
locale           xfs_db
localedef        xfs_freeze
logger           xfs_growfs
logname          xfs_info
lp               xfs_io
lpq              xfs_logprint
lpr              xfs_mkfile
lprm             xfs_ncheck
lpstat           xfs_rtcp
lsattr           xmlwf
m4 yes
md5sum

root@HS-DHTGLD99:~# df -k
Filesystem      1k-blocks      Used Available Use% Mounted on
/dev/md1         493120        407884      85236  83% /
/dev/ram1        15360          96      15264   1% /mnt/ram
/dev/md0         287702        15339      272363   5% /boot
/dev/md2         729396352     3308    729393044  0% /mnt/array1
root@HS-DHTGLD99:~# /usr/local/sbin/miconapl -d 3 -a serialmode_console
>SetDeviceName
>Initialize:/dev/ttyS1
>AdvisoryLock (1)
>argCmd: argc=1 argv[0]=serialmode_console argv[1]=(null)
>argCmd: opcode:0x0f, opesize:0, write:1, read:0
>ComSetSomeCommand: opcode:0x0f, command_name:serialmode_console
>SendCmd: cmd=0x00 ope=0x0f len=0
>CreatePacket
>CalcChecksum:len=2 checksum=0x0f
----- (SendCmd) only = 3 -----
000: 00 () 0f () f1 ()
header:0x00 0x0f: cmd=00 len=00 ope=0f
--
>Output (len=3)
----- (Output) len=3 -----
000: 00 () 0f () f1 ()
>Output write result:3
> RecvPacket
----- (Input) len=4 -----
000: 01() 0f() 00() f0()
>Input:len=4
----- (RecvPacket) only = 4 -----
000: 01() 0f() 00() f0()
header:0x01 0x0f: cmd=00 len=01 ope=0f
--
> RecvPacket: len = 4
>AnalyzeRecvPacket:Compare Command 0x00 vs 0x00
>AnalyzeRecvPacket:Compare Opcode 0x0f vs 0x0f
>AnalyzeRecvPacket:Compare Packet Length 0 vs 1
>CalcChecksum:len=4 checksum=0x00
State: WRITE CMD
Resp: 0
>AdvisoryLock (0)
root@HS-DHTGLD99:~#

mv7dxu2_d        3560  4 mv7dxu2_3,mv7dxu2_2,mv7dxu2_1,mv7dxu2_0
appletalk        38544  20
psnap            4516  1 appletalk
llc              8372  1 psnap
root@HS-DHTGLD99:~# free
              total        used        free        shared        buffers
Mem:         126080        116436         9644            0            92
Swap:        131064            0       131064
Total:       257144        116436       140708
root@HS-DHTGLD99:~# strins
sh: strins: command not found

```

```

root@HS-DHTGLD99:~# ls /sbin
badblocks      halt           modinfo
chk_ip          halt2          modprobe

debugfs         hdparm         pam_tally
depmod           hotplug        poweroff
dhcpcd           hwclock        reboot
dumpe2fs         ifconfig        reboot2
e2fsck           init            resize2fs
e2image          insmod          rmmod
e2label          klogd           route
fdisk            ldconfig        shutdown
freeramdisk      lsmod           swapoff
fsck              mdadm           swapon
fsck.ext2         mke2fs          sysctl
fsck.ext3         mkfs.ext2        syslogd
generate-modprobe.conf mkfs.ext3        tune2fs
getty            mkswap          unix_chkpwd

root@HS-DHTGLD99:~# ls /usr/local
BerkeleyDB.4.2  apache          libexec        ssl
BootServer      bin             sbin
PCast           lib             share

root@HS-DHTGLD99:~# ls /usr/local/sbin
afpd            kadmin.local    mt-daapd
apcupsd          kadmind          nas_configgen
atalkd           kdb5_util        nmbd
clientUtil_server kernelmon         ntpdate
cnid_dbd klogind nvram
cnid_metad kprop omronupsd
daemonwatch      kpropd           pamsmbd
delusrxs krb5-send-pr papd
disk partition krb524d proftpd
diskmon_exec.sh  krb5kdc          rsfwdc
errormon          kshd             rsfwds
ftpshtut ktutil sim_server
generate-modprobe.conf logchkd           smbd
gss-server        login.krb5        sserver
in.proftpd         lsprcvd          sshd
k5srvutil          miconapl          uuserver
kadmin            miconmon          winbindd

root@HS-DHTGLD99:~# ls /usr/local/bin
a2p mkraid.sh
achfile mkraid0.sh
acleanidir.rc          mkraid1.sh
adv1tov2                mkraid10.sh
aecho mkraid5.sh
afile                   mkrsconf.pl
afpd-mtab.pl nadheader
afppasswd               nbplkup
agingtest.sh            nbprgstr
agingtest_sub.sh        nbpunrgstr
apple_cp                net
apple_mv                 netatalk-config
apple_rm                 nicer
asip-status.pl nkf
backup_done.sh           nmblookup
backup_start.sh          ntlm_auth
binheader now
bison                   odidx
bootchange.sh unwind
buf_smb_useradd.pl odtest
build_mediaserver_conf.sh pap
build_mt-daapd_conf.sh papstatus
build_sync_period.sh     pcastd_job.sh
c2ph                    pdbedit
cbcodec                 perl
cbtest                  perl5.8.8
change_notify.sh         perlbug
chk_diskspace.sh         perlcc
chk_itunesync.sh         perldoc
chk_mediaserver.sh perlivp
chk_mediaserver_conf.sh piconv
chk_pcastd.sh            pl2pm
cleanappledouble.pl pod2html
cnid2_create             pod2latex
cnid_index pod2man

```


cnid_maint pod2text	
compile_et	pod2usage
cpan	podchecker
crmgr podselect	
crttest	profiles
crtsv	prove
directcopy	psed
directcopy_job.sh	psorder
directcopy_lcd.sh	pstruct
directcopy_sw_led.sh	raid_rebuild.sh
dpmgr	raid_stat.sh
dprofpp	rcp
dptest	rlmgr
dptsv	rlogin
enc2xs	rltest
erase_raid.sh	rm_corefiles.sh
estcall	rpcclient
estcmd	rsbackup.pl
estconfig	rsh
estload	rsync
estmaster	s2p
estmttest sclient	
estwolefind	scp
eventlogadm	sendmail.sh
exec_libbuffalo	set_time.sh
filecompare	set_timezone.sh
filetest	sftp
find2perl	showppd
findsmb	shutdown.sh
ftpcount	sim_client
ftpdctl	single2bin
ftptop	slogin
ftpwho	smbcacs
getzones	smbclient
gphoto2	smbcontrol
gss-client	smbcquotas
h2ph	smbget
h2xs	smbpasswd
hdd_check_normal.sh	smbspool
hdd_format.sh smbstatus	
hexdump	smbtar
hqx2bin	smbtree
hvmgr splain	
hvtest	ssh
iconv	ssh-add
imhere.sh	ssh-agent
initconfig.sh	ssh-keygen
initsw.sh	ssh-keyscan
initweb.sh	stop
instmodsh tdbbackup	
kdestroy tdbdump	
kernelmon_exec.sh	tdbtool
keyinput	testparm
kinit	time_set.sh
klist	timeout
kpasswd	tsnavi_mkjbod.sh
krb5-config	tsnavi_mknormal.sh
krb524init	tsnavi_mkraid0.sh
ksu	tsnavi_mkraid1.sh
kvno tsnavi_mkraid10.sh	
lcd_error_man.sh	tsnavi_mkraid5.sh
libbuffalo unbin	
libbuffalo_bin unhex	
libnetcfg	uniconv
lp2pap.sh	unsingle
ls_sonar uuclient	
m4 v4rcp	
macbinary	vercomp
macusers	vlmgr
mailtest.sh	vltest
megatron	vltsv
melsub_directcopy.sh wbinfo	
melsub_usbunmount.sh	xsubpp
miconmon_exec.sh	yacc
mkjbod.sh	zerofill.sh

```
root@HS-DHTGLD99:~# ls /usr/bin
[
[
mkfifo
```

```
arm-none-linux-gnueabi-ar      nl
arm-none-linux-gnueabi-ranlib  od
awk openvt
basename                       passwd
bashbug paste
bunzip2                       perl
bzip2 pr
cactoinfo                     printf
chattr                       ptx
chvt                         readlink
cksum                       realpath
clear                       reset
cmp                         resetall
comm                       rsync
crontab                     sdiff
csplit                       seq
cut                         sha1sum
deallocvt                   sort
diff                       split
diff3                     strings
dirname                     sum
you tac
env thanks
expand                       tail
expr                       tee
file                       test
find                       tic
fmt                       time
fold                       tmail
free                       toe
head                       top
hexdump                     tput
hostid                     tr
id                         tset
infocmp tsort
infotocap                   tty
install                     unexpand
join                       uniq
killall                     uptime
ldapadd                     uuidgen
ldapcompare                 wc
ldapdelete                 which
ldapmodify                 who
ldapmodrdn                 whoami
ldappasswd                 xargs
ldapsearch                 xfs_admin
ldapwhoami                 xfs_bmap
ldd                       xfs_check
length                     xfs_copy
locale                     xfs_db
localedef                 xfs_freeze
logger                     xfs_growfs
logname                     xfs_info
lp                       xfs_io
lpq                       xfs_logprint
lpr                       xfs_mkfile
lprm                     xfs_ncheck
lpstat                     xfs_rtcp
lsattr                     xmlwf
m4 yes
md5sum
```

```
root@HS-DHTGLD99:~# df -k
```

Filesystem	1k-blocks	Used	Available	Use%	Mounted on
/dev/md1	493120	407884	85236	83%	/
/dev/ram1	15360	96	15264	1%	/mnt/ram
/dev/md0	287702	15339	272363	5%	/boot
/dev/md2	729396352	3308	729393044	0%	/mnt/array1

```
root@HS-DHTGLD99:~# /usr/local/sbin/miconapl -d 3 -a serialmode_console
```

```
>SetDeviceName
```

```
>Initialize:/dev/ttyS1
```

```
>AdvisoryLock (1)
```

```
>argCmd: argc=1 argv[0]=serialmode_console argv[1]=(null)
```

```

>argCmd: opcode:0x0f, opesize:0, write:1, read:0
>ComSetSomeCommand: opcode:0x0f, command_name:serialmode_console
>SendCmd: cmd=0x00 ope=0x0f len=0

>CreatePacket
>CalcChecksum:len=2 checksum=0x0f
----- (SendCmd) only = 3 -----
000: 00 () 0f () f1 ()
header:0x00 0x0f: cmd=00 len=00 ope=0f
--
>Output (len=3)
----- (Output) len=3 -----
000: 00 () 0f () f1 ()
>Output write result:3
> RecvPacket
----- (Input) len=4 -----
000: 01() 0f() 00() f0()
>Input:len=4
----- (RecvPacket) only = 4 -----
000: 01() 0f() 00() f0()
header:0x01 0x0f: cmd=00 len=01 ope=0f
--
> RecvPacket: len = 4
>AnalyzeRecvPacket:Compare Command 0x00 vs 0x00
>AnalyzeRecvPacket:Compare Opcode 0x0f vs 0x0f
>AnalyzeRecvPacket:Compare Packet Length 0 vs 1
>CalcChecksum:len=4 checksum=0x00
State: WRITE CMD
Resp: 0
>AdvisoryLock (0)
root@HS-DHTGLD99:~# /usr/local/sbin/miconapl -d 3 -a serialmode_ups
>SetDeviceName
>Initialize:/dev/ttyS1
>AdvisoryLock (1)
>argCmd: argc=1 argv[0]=serialmode_ups argv[1]=(null)
>argCmd: opcode:0x10, opesize:0, write:1, read:0
>ComSetSomeCommand: opcode:0x10, command_name:serialmode_ups
>SendCmd: cmd=0x00 ope=0x10 len=0
>CreatePacket
>CalcChecksum:len=2 checksum=0x10
----- (SendCmd) only = 3 -----
000: 00 () 10 () f0 ()
header:0x00 0x10: cmd=00 len=00 ope=10
--
>Output (len=3)
----- (Output) len=3 -----
000: 00 () 10 () f0 ()
>Output write result:3
> RecvPacket
----- (Input) len=4 -----
000: 01 () 10 () 00 () if ()
>Input:len=4
----- (RecvPacket) only = 4 -----
000: 01 () 10 () 00 () if ()
header:0x01 0x10: cmd=00 len=01 ope=10
--
> RecvPacket: len = 4
>AnalyzeRecvPacket:Compare Command 0x00 vs 0x00
>AnalyzeRecvPacket:Compare Opcode 0x10 vs 0x10
>AnalyzeRecvPacket:Compare Packet Length 0 vs 1
>CalcChecksum:len=4 checksum=0x00
State: WRITE CMD
Resp: 0
>AdvisoryLock (0)
root@HS-DHTGLD99:~#

```

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