DLS11 LoRA LTE 4G
“ ” LoRA LoRA
LTE
LTE
TCP FTP DLS11 LoRA
SIM LoRA
DLS11_XXXX “ ”

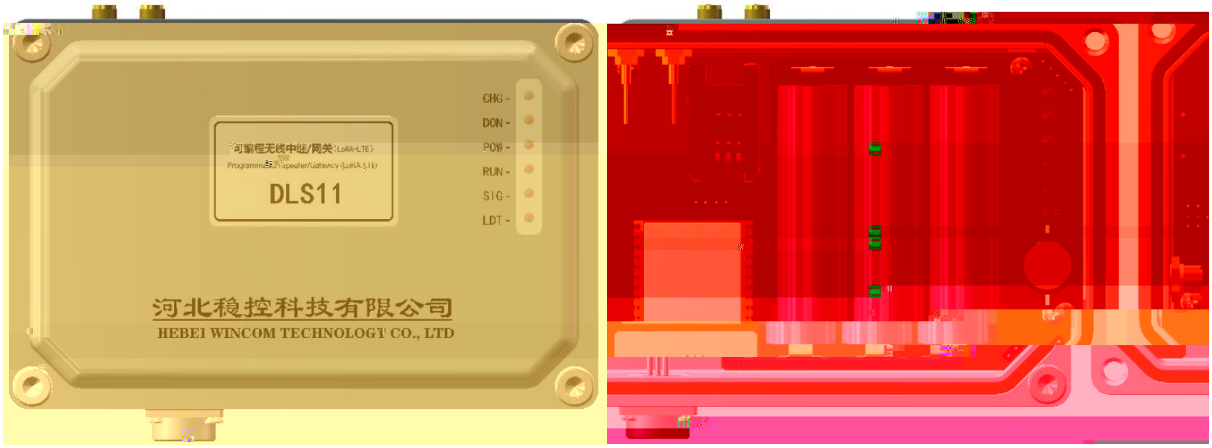
LoRA-4G
LoRA LoRA
LoRA-4G

DLS-ABC_XXXX

DLS DLS Double L System L LoRA LTE
A LoRA
B LTE
C
V 4
U
I
T NTC 18B20
XXXX UART 2UT2 2 UART TTL RS232

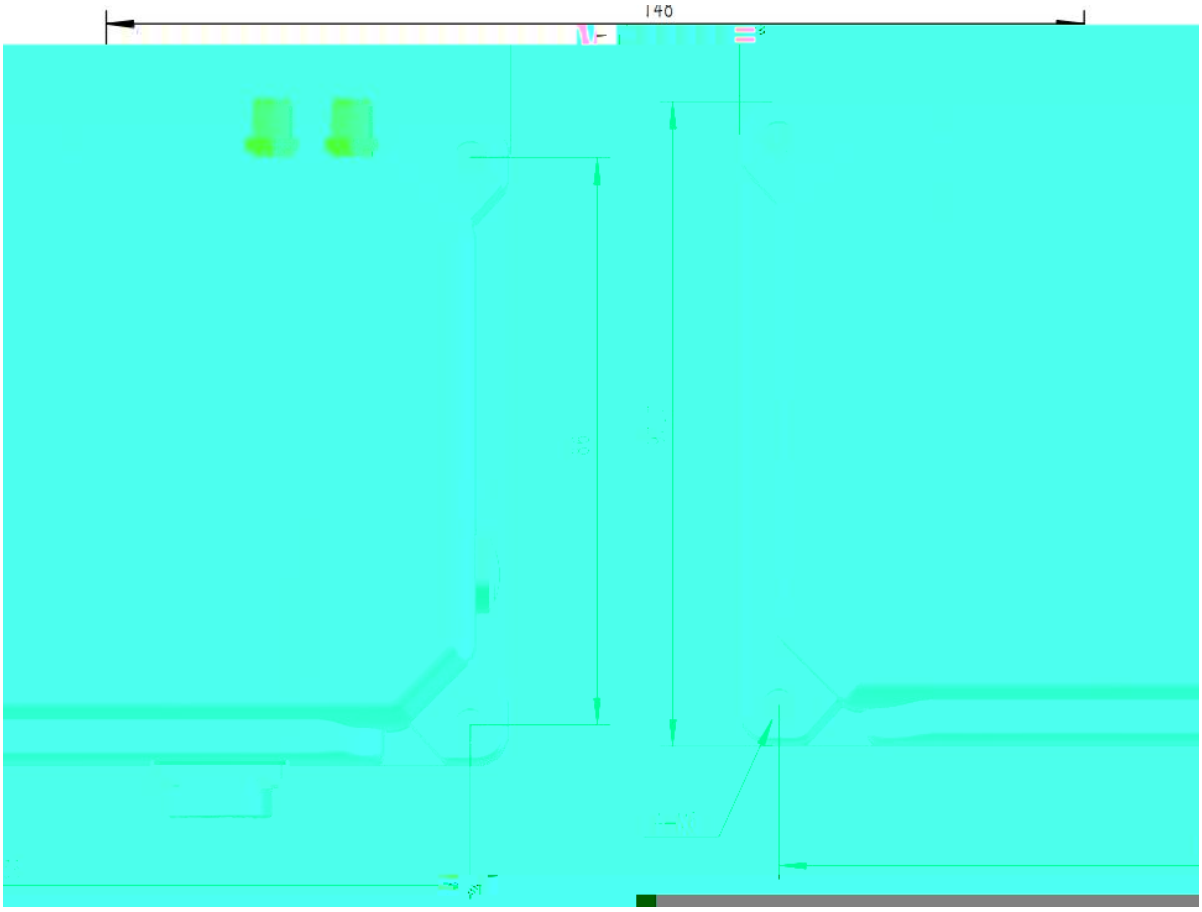
	UART	LoRA	LTE					
DLS10_1U2	1	1	0					2

/


CHG -
DON -
POW -
RUN -
SIG -
LDT -
DLS11
河北稳控科技有限公司
HEBEI WINCOM TECHNOLOGY CO., LTD

(LoRA LTE) &

SIM


140

1.

DLS11 DLS10 LoRA

1 DLS10 LoRA

2 DLS11 DLS10 LTE

DLS10 “ DLSxO .pdf ”

1.1 /

DLS11 1~3 18650

DLS11

DLS11

1.2

DLS11 1 UART RS232/RS485/TTL

DLS UART

DLS

UART		115200	bps
		N	
		8	
		1	

1.3 $SETPTool

$SETPTool

“ 2. ”

$SETPTool For DLS11



$SETPTool “ SETPTool .pdf ”

1.4DLSx0

1.4.1

DLS11

“ @SETM ”

LoRA

LoRA

“ @SETM ”

1.4.2

DLS11

INTE_SCAN INTE_SCAN

INTE_SEND

1.4.3

WSTAT 0 1

WSTAT 0

NEXT_SET 0 1

0 2 0 3

4

2.

2.1

2.1.1 /

/

0	DEV_ADDR	1~255	0x01	

		( )] TJETQJMC /P <</MCID 36/Lang (en-US)>40 737.74 42TQEMC /PW* nBT/F2 10.56 Tf1						
					LTE APN			
60	APN							

		01B 1.5	
		10B 2.0	
bit3:2		00B/11B	
		01B	
		10B	
bit1:0		00B 8	bits
		01B/10B/11B 9	

	LTE		

RA

5 DLS10 DLS10 LoRA

.pdf ”

SINGAL	LTE	<15		
		>=15		
		>25		
		>31		
VOL_EX				mV

```
return crc;
}
```

2.2.2AABB

16	AA BB	1	1	1

16	AA BB	1	1	2	1

129 DLS 10

(HEX) AA BB 81 0A F0

(HEX) AA BB 81 0A 04 80 74 0x0480 10 1152

DLS OK

2.2.4

@SETM	
@STTN=x	
$SAVE	
$INFO	
$REST	
$STDN	
$RSTP	
$STFC	
$STDF	
$GTDA=xxx	xxx
$STNM=0	
$STDT=xxxx	$STDT=2015/12/21 18:37:05
$TEST	“ DLSxx ”
$STRF=xxx	LoRA $STRF=420 $STRF=854

2.3

2.3.1DLS11

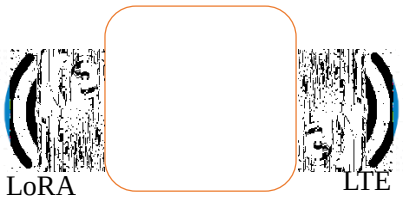
DLS11 LoRA-LTE LoRA
VSxxx NLM3 NLM5 NLM6 LoRA UART TCP EMAIL FTP
RF SEND_WAY
DAT_PRO UART TCP RF
HEX STR1.0 EMAIL FTP STR2.0
TCP EMAIL FTP UDID UDID 15
UDID DLS11 UDID “ OO ”
DLS11 DLS
LoRA IDn UDID UDID DLS11
UDID IDn 16 ì /

3.DLS

DLS

3.1 DLS11 VSxxx







……



TCP

1# TCP ![[[[[[[[[[[[[[[[[[[[[[« «

3.2 DLS11 LoRA

VSxxx DLS10 DLS11

……

3.2 DLS10

DLS11 DLS10 “DLSxO .pdf” DLS10
DLS11 “@STTN=3” DLS11 “OK”
DLS10 DLS11 DLS10
DLS10 DLS11