

DT-172 Interface Protocol

Time setting (not changed)

0X58	YEAR	MONTH	DAY	HOURL	MINUTE	SECOND
UCHAR	BCD	BCD	BCD	BCD	BCD	BCD

Reply 0XEE to confirm

Read the temperature & humidity data (not changed)

0X68	0XFA	0XAB	0XBA	0XBC	0XCB	0X88
UCHAR	UCHAR	UCHAR	UCHAR	UCHAR	UCHAR	UCHAR

Basic setting

LED	STATUS	Samprate	T-MAX	T-MIN	RH-MAX	RH-MIN
UCHAR 10s/20s/30s 0x18/0x28/0x38/0x48 LED not light	UCHAR	UCHAR	UCHAR	UCHAR	UCHAR	UCHAR

Reply 0XEF to confirm

Inside STATUS:

7	6	5	4	3	2	1	0
automatic□ 0 manual□1	circular□0 full stop□1	blink□0 non-blink□ 1 ALARM	C: 0 F: 1 ALARM	All positive□0 0 MIN negative MAX positive□01 All negative□11		S:01 M:10 H:11	

device upload data

fisrt upload:

0XDD	1NO.H	1NO.L	2NO.H	2NO.L	SAMP_UNIT	SAMP
UCHAR	UCHAR	UCHAR	UCHAR	UCHAR	H:0X20 M:0X30 S:0X60	UCHAR

Second upload:

0XCE	YEAR	MONTH	DAY	HOURL	MINUTE	SECOND
UCHAR	BCD	BCD	BCD	BCD	BCD	BCD

T-MAX	T-MIN	H-MAX	H-MIN	unit	Positive/Negative
UCHAR	UCHAR	UCHAR	UCHAR	C:0X23 F:0X24	0X78 □□ 0X76 □□ 0X77 ——

0XAA	TEMP H	TEMP L	RH H	RH L
UCHAR	CHAR	CHAR	CHAR	CHAR