AXE	MICROPROCESS PANEL CONTROLLER METER	MM3 Series

■ Features

◎MeasuringDCA/DCV/ACA/ACV/Potentiometer/Pt-100/ Transmitter/Load Cell/Resistor···.etc

◎Correction for non-linearity function(16 segments)

◎Accuracy 0.05% F.S.±1 digit

◎16BIT DAC analog output can be modified

◎Display range -19999~99999 can be modified

◎RS485 communication interface,Protocol MODBUS RTU MODE

◎Decimal point can be modified

◎BAUD RATE:19200/9600/4800/2400

◎Display value can Auto-zero and Math-rootextractor function

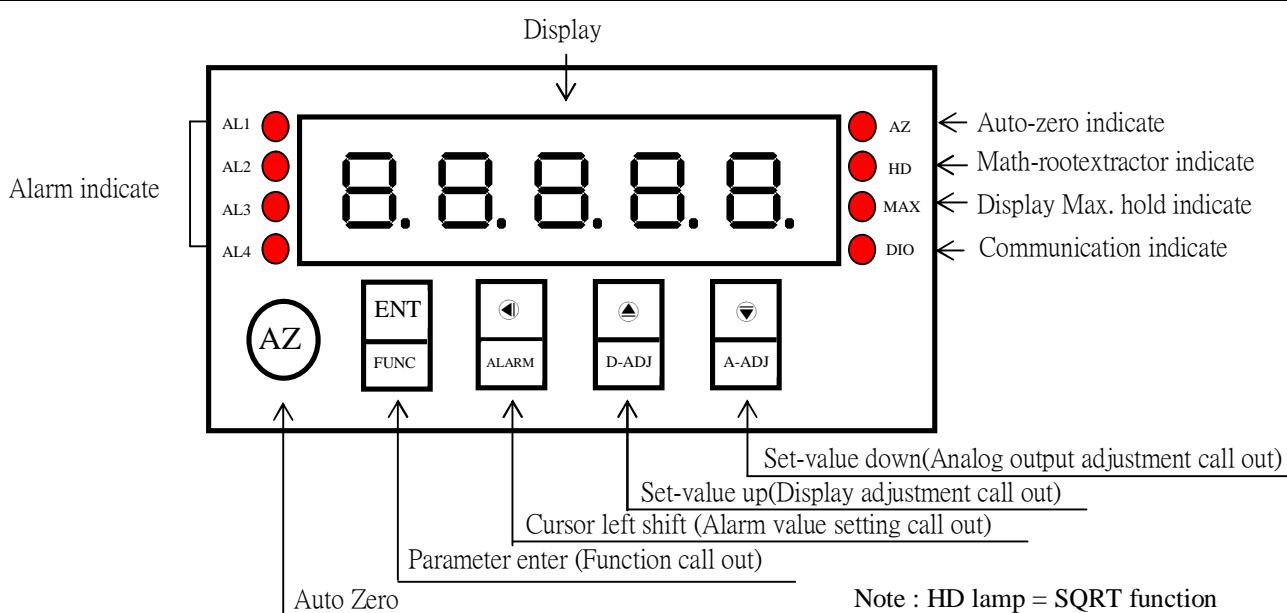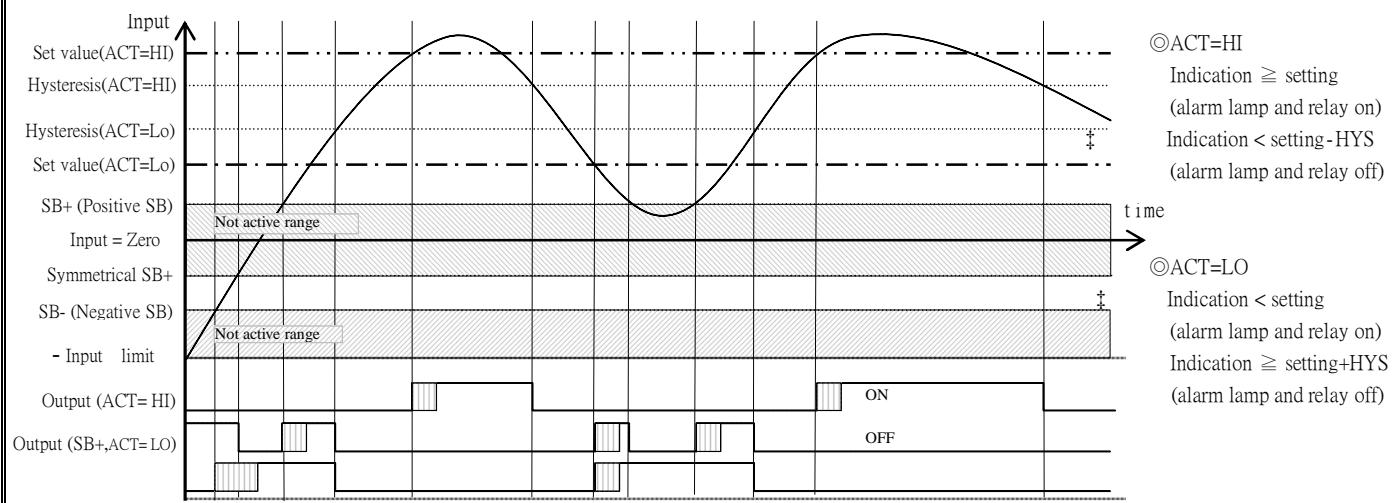◎0.8" LED highlight display

◎Display value can Max. hold function

◎Man-machine interface ,easy to operate

◎4 Alarm function

◎EEPROM Saving ,data safekeeping about 10 years

◎Display average can be modified (1~99)

◎Modified inside parameter must have pass code

■ Name Of Parts

Display

AL1 — Alarm indicate

AL1 / AL2 / AL3 / AL4

AZ ← Auto-zero indicate
HD ← Math-rootextractor indicate
MAX ← Display Max. hold indicate
DIO ← Communication indicate

AZ

ENT / FUNC

◀ / ALARM

▲ / D-ADJ

▼ / A-ADJ

Set-value down(Analog output adjustment call out)

Set-value up(Display adjustment call out)

Cursor left shift (Alarm value setting call out)

Parameter enter (Function call out)

Auto Zero

Note : HD lamp = SQRT function

■ Alarm Function Diagram

Input
Set value(ACT=HI)
Hysteresis(ACT=HI)
Hysteresis(ACT=Lo)
Set value(ACT=Lo)
SB+ (Positive SB)
Input = Zero
Symmetrical SB+
SB- (Negative SB)
- Input limit
Not active range
time
Output (ACT= HI)
Output (SB+,ACT= LO)
ON
OFF

◎ACT=HI
Indication ≧ setting
(alarm lamp and relay on)
Indication < setting - HYS
(alarm lamp and relay off)

◎ACT=LO
Indication < setting
(alarm lamp and relay on)
Indication ≧ setting+HYS
(alarm lamp and relay off)

▦ DEL or SDT

Key Introduce	Operation Manual
ⒺⓃⓉ Key Function	1. In normal display, The key function is call out setting group
	2. In parameter setting page, The key function is data Enter , and goto next page
◀ Key Function	1. In normal display, The ◀ key function is call out alarm value setting page
	2.Into parameter setting page, the parameter mark&data is alternate display, If need modify data can press shift key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again, the cursor(twinkle express)is cycle moving left. (Key Response about 0.2 sec)

▲Key Function		1. In normal display,The key function is call out adjustment display value(DZERO&DSPAN)page 2.Into parameter setting page, the parameter mark&data is alternate display, If need modify data can press up key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again, the parameter data will increment. (Key Response about 0.2 sec)	
▼Key Function		1.In normal display,The key function is call out adjustment analog output(AZERO&ASPAN)page 2.Into parameter setting page, the parameter mark&data is alternate display, If need modify data can press down key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again the parameter data will decrement. (Key Response about 0.2 sec)	
ⒶⓏ Key Function		1.The ⒶⓏ key press first time,Display value will be auto-zero(AZ lamp"ON"),Press ⒶⓏ key once again, auto-zero function disable ,(AZ lamp"OFF")	
▲&▼Key Function		1.In setting group or setting page,Press ▲&▼ key return normal display, but if in setting page the modify data will be lost	
No Key in anything		1.In setting group or setting page no key in anything about 2 minutes, return normal display	

■ Inside parameter operate procedure

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Normal display	`12345`	Press ⒺⓃ/FUNC key into P.COD setting page
2	P.COD(Pass code input page) Default=0	`P.Cod` `00000`	1.Key in 5 digit pass code with ◀&▲&▼key 2.Press ⒺⓃkey, If the pass code is correct then into setting group,otherwise return normal display
3	SYS(System Setting Group)	`SYS`	1. Select setting group with ◀key 2. Press ⒺⓃkey into setting page of selection setting group
	ROP(Alarm output Setting Group)	`roP`	
	AOP(Analog output Setting Group)	`AoP`	
	DOP(Communication setting group)	`doP`	
4	SYS(System setting group)	`SYS`	1.Press ◀key decide SYS setting group 2.Press ⒺⓃkey into DP setting page
4-1	DP(Decimal Point) Default=0	`dP` `0`	1. Decide decimal point position with▲&▼ key (0 to 4) 2. Press ⒺⓃkey enter data and into DSPL setting page
4-2	DSPL(Display Low Scale) Default=0	`dSPL` `00000`	1. Decide display low scale with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-01 setting page
4-3	DH-01(Display High Scale-01) Default=100	`dH-01` `00100`	1. Decide Display High Scale-01 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-02 setting page
4-4	DH-02(Display High Scale-02) Default=200	`dH-02` `00200`	1. Decide Display High Scale-02 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-03 setting page
4-5	DH-03(Display High Scale-03) Default=300	`dH-03` `00300`	1. Decide Display High Scale-03 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-04 setting page
4-6	DH-04(Display High Scale-04) Default=400	`dH-04` `00400`	1. Decide Display High Scale-04 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-05 setting page
4-7	DH-05(Display High Scale-05) Default=500	`dH-05` `00500`	1. Decide Display High Scale-05 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-06 setting page
4-8	DH-06(Display High Scale-06) Default=600	`dH-06` `00600`	1. Decide Display High Scale-06 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-07 setting page
4-9	DH-07(Display High Scale-07) Default=700	`dH-07` `00700`	1. Decide Display High Scale-07 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-08 setting page
4-10	DH-08(Display High Scale-08) Default=800	`dH-08` `00800`	1. Decide Display High Scale-08 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-09 setting page
4-11	DH-09(Display High Scale-09) Default=900	`dH-09` `00900`	1. Decide Display High Scale-09 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-10 setting page
4-12	DH-10(Display High Scale-10) Default=1000	`dH-10` `01000`	1. Decide Display High Scale-10 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-11 setting page
4-13	DH-11(Display High Scale-11) Default=1100	`dH-11` `01100`	1. Decide Display High Scale-11 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-12 setting page
4-14	DH-12(Display High Scale-12) Default=1200	`dH-12` `01200`	1. Decide Display High Scale-12 with ◀&▲&▼key (-19999~99999) 2. Press ⒺⓃkey enter data and into DH-13 setting page

2

4-15	DH-13(Display High Scale-13) Default=1300	d H - 1 3 0 1 3 0 0	1. Decide Display High Scale-13 with ◀&▲&▼key (-19999~99999) 2. Press ⏎key enter data and into DH-14 setting page
4-16	DH-14(Display High Scale-14) Default=1400	d H - 1 4 0 1 4 0 0	1. Decide Display High Scale-14 with ◀&▲&▼key (-19999~99999) 2. Press ⏎key enter data and into DH-15 setting page
4-17	DH-15(Display High Scale-15) Default=1500	d H - 1 5 0 1 5 0 0	1. Decide Display High Scale-15 with ◀&▲&▼key (-19999~99999) 2. Press ⏎key enter data and into DH-16 setting page
4-18	DH-16(Display High Scale-16) Default=1600	d H - 1 6 0 1 6 ` 0 0	1. Decide Display High Scale-16 with ◀&▲&▼key (-19999~99999) 2. Press ⏎key enter data and into AVG setting page
4-19	AVG (Average) Default=1	A u G 0 0 0 0 1	1. Decide display Average times with ◀&▲&▼key (1~99) 2. Press ⏎key enter data and into LCUT setting page
4-20	LCUT (Low Cut) Default=0	L C U t 0 0 0 0 0	1. Decide display low cut with ◀&▲&▼key (0~99) 2. Press ⏎key enter data and into CODE setting page
4-21	CODE(Pass Code) Default=0	C o d E 0 0 0 0 0	1. Decide Pass code with ◀&▲&▼key (0~19999) 2. Press ⏎key enter data and into LOCK setting page
4-22	LOCK(Panel Lock) Default=NO	L o C k n o	1. Decide panel lock with▲&▼ key (NO or YES) 2. Press ⏎key enter data and return SYS setting group
5	ROP(Alarm setting group)	r o P	1.Press◀key decide ROP setting group 2.Press ⏎key into ACT1 setting page
5-1	ACT1(Alarm 1 Active) Default=HI	A C t 1 H i	1. Decide Alarm 1 Active with ▲&▼key(HI or LO) 2.Press⏎key enter data and into ACT2 setting page
5-2	ACT2(Alarm 2 Active) Default=HI	A C t 2 H i	1. Decide Alarm 2 Active with ▲&▼key(HI or LO) 2.Press⏎key enter data and into ACT3 setting page
5-3	ACT3(Alarm 3 Active) Default=HI	A C t 3 H i	1. Decide Alarm 3 Active with ▲&▼key(HI or LO) 2.Press⏎key enter data and into ACT4 setting page
5-4	ACT4(Alarm 4 Active) Default=HI	A C t 4 H i	1. Decide Alarm 4 Active with ▲&▼key(HI or LO) 2. Press ⏎key enter data and into HYS1 setting page
5-5	HYS1(Alarm 1 Hysteresis) Default=0	H Y S 1 0 0 0 0 0	1. Decide HYS1 with ◀&▲&▼key (0~99) 2. Press ⏎key enter data and into HYS2 setting page
5-6	HYS2(Alarm 2 Hysteresis) Default=0	H Y S 2 0 0 0 0 0	1. Decide HYS2 with ◀&▲&▼key (0~99) 2. Press ⏎key enter data and into HYS3 setting page
5-7	HYS3(Alarm 3 Hysteresis) Default=0	H Y S 3 0 0 0 0 0	1. Decide HYS3 with ◀&▲&▼key (0~99) 2. Press ⏎key enter data and into HYS4 setting page
5-8	HYS4(Alarm 4 Hysteresis) Default=0	H Y S 4 0 0 0 0 0	1. Decide HYS4 with ◀&▲&▼key (0~99) 2. Press ⏎key enter data and into DEL1 setting page
5-9	DEL1(Alarm 1 Delay time) Default=0	d E L 1 0 0 0 0 0	1. Decide DEL1 with ◀&▲&▼key (0~99 sec) 2. Press ⏎key enter data and into DEL2 setting page
5-10	DEL2(Alarm 2 Delay time) Default=0	d E L 2 0 0 0 0 0	1. Decide DEL2 with ◀&▲&▼key (0~99 sec) 2. Press ⏎key enter data and into DEL3 setting page
5-11	DEL3(Alarm 3 Delay time) Default=0	d E L 3 0 0 0 0 0	1. Decide DEL3 with ◀&▲&▼key (0~99 sec) 2. Press ⏎key enter data and into DEL4 setting page
5-12	DEL4(Alarm 4 Delay time) Default=0	d E L 4 0 0 0 0 0	1. Decide DEL4 with ◀&▲&▼key (0~99 sec) 2. Press ⏎key enter data and into SB setting page
5-13	SB(Start band) Default=0	S b 0 0 0 0 0	1. Decide SB with ◀&▲&▼key (-99~99) 2. Press ⏎key enter data and into SDT setting page
5-14	SDT(Start Delay Time) Default=0	S d t 0 0 0 0 0	1. Decide SDT with ◀&▲&▼key (0~99 sec) 2. Press ⏎ key enter data and return ROP setting group
6	AOP(Analog output setting group)	A o P	1.Press◀key select AOP setting group 2.Press⏎key into ANLO setting page
6-2	ANLO(Analog Output Zero- According to Display) Default=0	A n L o 0 0 0 0 0	1. Decide ANLO with ◀&▲&▼key (-19999~99999) 2. Press ⏎key enter data and into ANHI setting page

6-3	ANHI(Analog Output Span-According to Display) Default=99999	A n H i 9 9 9 9 9	1. Decide ANHI with ◀&▲&▼key(-19999~99999) 2.Press⊕key return AOP setting group

Step	Parameter mark description	Parameter mark	Operation manual
7	DOP(Communication setting group)	d o P	1.Press◀key decide DOP setting group 2.Press⊕key into ADDR setting page
7-1	ADDR(Communication Address) Default=0	A d d r 0 0 0 0 0	1. Decide ADDR with ◀&▲&▼key (0~255) 2. Press ⊕key enter data and into BAUD setting page
7-2	BAUD(Communication Baud Rate) Default=19200	b A U d 1 9 2 0 0	1. Decide BAUD with ▲&▼key (19200,9600,4800,2400) 2. Press ⊕key enter data and into PARI setting page
7-3	PARI(Communication Parity Check) Default=n.8.2.	P A r i n.8.2.	1. Decide PARI with ▲&▼key(n.8.2,n.8.1,even,odd) 2. Press ⊕key enter data and return DOP setting group

Step	Parameter mark description	Parameter mark	Operation manual
8	Normal display	1 2 3 4 5	1.Press◀/ALARM about 3 sec, into AL1 setting page
8-1	AL1 (Alarm 1) Default=0	A L 1 0 0 0 0 0	1.Decide AL1 with ◀&▲&▼key (-19999~99999) 2. Press ⊕key enter data and into AL2 setting page
8-2	AL2 (Alarm 2) Default=0	A L 2 0 0 0 0 0	1. Decide AL2 with ◀&▲&▼key (-19999~99999) 2. Press ⊕key enter data and into AL3 setting page
8-3	AL3 (Alarm 3) Default=0	A L 3 0 0 0 0 0	1. Decide AL3 with ◀&▲&▼key (-19999~99999) 2. Press ⊕key enter data and into AL4 setting page
8-4	AL4 (Alarm 4) Default=0	A L 4 0 0 0 0 0	1. Decide AL4 with ◀&▲&▼key (-19999~99999) 2. Press ⊕key enter data and return normal value

Step	Parameter mark description	Parameter mark	Operation manual
9	Normal display	1 2 3 4 5	Press▲/D-ADJ key about 3 sec, into DZERO adjustment page
9-1	DZERO(Display Zero Adjust) Default=0	d P E r o 0 0 0 0 0	1. Adjustment display zero with ▲&▼key 2. Press ⊕key enter data and into DSPAN adjustment page
9-2	DSPAN(Display Span Adjust) Default=0	d S P A n 0 0 0 0 0	1. Adjustment display span with ▲&▼key 2. Press ⊕key enter data and return normal display

Step	Parameter mark description	Parameter mark	Operation manual
10	Normal display	1 2 3 4 5	1.Press▼/A-ADJ key about 3 sec, into AZERO adjustment page
10-1	AZERO(Analog Output Zero Adjustment page) Default=0	A P E r o 0 0 0 0 0	1.Adjustment analog output zero with ◀&▲&▼key(±6000) 2. Press ⊕key enter data and into ASPAN adjustment page
10-2	ASPAN(Analog Output Span Adjustment page) Default=0	A S P A n 0 0 0 0 0	1. Adjustment analog output span with ◀&▲&▼key (±6000) 2. Press ⊕key enter data and return normal display

Appendix	Error Mark Description	Error Mark	Analyze & Description
1	Input over error detect	i o F L	Input signal over range
2	Input under error detect	- i o F L	Input signal under range
3	Display over error detect	d o F L	Display over range(99999)
4	Display under error detect	- d o F L	Display under range (-19999)
5	EEPROM error detect	E - 0 0 n o Y E S	1. External interference when EEPROM read/write 2.EEPROM write over 1 million times(guarantee 10 years) Please power reset, if still display E-00,doing following step: a.E-00 & No alternate display for inquire reset EEPROM b.Decide Yes with ▲or▼ key,press ⊕ key return normal display c.EEPROM was reset,Please follow step 1~10 set again

4

MM3S Modbus RTU Mode Protocol Address Map
Data format 16Bit/32Bit, sign bit 8000~7FFF(－ 32768~32767),80000000~7FFFFFFF(-2147483648~2147483647)

Address	Name	Description	Accept
0000	ID	Type code judge , MM3 = 0010(16)	R
0001	STATUS	Alarm output and Display status,Display Range 0000~00FF(0~255)(0:OFF,1:ON)(Bit0:AL1, Bit1:AL2,Bit2:AL3,Bit3:AL4,Bit4:DOFL,Bit5:-DOFL,Bit6:IOFL,Bit7:-IOFL)	R
0002	ACT1	Alarm 1 Active,Input Range 0000~0001(0~1)(0:HI,1:LO)	R/W
0003	ACT2	Alarm 2 Active,Input Range 0000~0001(0~1)(0:HI,1:LO)	R/W
0004	ACT3	Alarm 3 Active,Input Range 0000~0001(0~1)(0:HI,1:LO)	R/W
0005	ACT4	Alarm 4 Active,Input Range 0000~0001(0~1)(0:HI,1:LO)	R/W
0006	DP	Decimal Point,Input Range 0000~0004(0~4)0:10^0,1:10^{-1},2:10^{-2},3:10^{-3},4:10^{-4}	R/W
0007	LOCK	Panel Lock,Input Range 0000~0001(0~1)0:NO,1:YES	R/W
0008	BAUD	Communication Baud Rate,Input Range 0000~0003(0~3)0:19200,1:9600,2:4800,3:2400	R/W
0009	PARI	Communication Parity Check,Input Range 0000~0003(0~3)0:N.8.2.,1:N.8.1.,2:EVEN,3:ODD	R/W
000A	AVG	Average,Input Range 0001~0063(1~99)	R/W
000B	LCUT	Low Cut,Input Range 0000~0063(0~99)	R/W
000C	ADDR	Communication Address,Input Range 0000~00FF(0~255)	R/W
000D	HYS1	Hysteresis 1,Input Range 0000~0063(0~99)	R/W
000E	HYS2	Hysteresis 2,Input Range 0000~0063(0~99)	R/W
000F	HYS3	Hysteresis 3,Input Range 0000~0063(0~99)	R/W
0010	HYS4	Hysteresis 4,Input Range 0000~0063(0~99)	R/W
0011	DEL1	Alarm 1 Delay time,Input Range 0000~0063(0~99)	R/W
0012	DEL2	Alarm 2 Delay time,Input Range 0000~0063(0~99)	R/W
0013	DEL3	Alarm 3 Delay time,Input Range 0000~0063(0~99)	R/W
0014	DEL4	Alarm 4 Delay time,Input Range 0000~0063(0~99)	R/W
0015	SB	Start band,Input Range FF9D~0063(-99~99)	R/W
0016	SDT	Start Delay Time,Input Range 0000~0063(0~99)	R/W
0017	CODE	Pass Code,Input Range 0000~4E1F(0~19999)	R/W
0018	AZERO	Analog Output Zero Adjust,Input RangeE890~1770(-6000~6000)	R/W
0019	ASPAN	Analog Output Span Adjust,Input RangeE890~1770(-6000~6000)	R/W
001A	DSPL	Display Low Scale,Input RangeFFFFB1E1~0001869F(-19999~99999)high word	R/W
001B		Display Low Scale,Input RangeFFFFB1E1~0001869F(-19999~99999)low word	R/W
001C	DH-01	Display High Scale-01,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
001D		Display High Scale-01,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
001E	DH-02	Display High Scale-02,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
001F		Display High Scale-02,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0020	DH-03	Display High Scale-03,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0021		Display High Scale-03,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0022	DH-04	Display High Scale-04,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0023		Display High Scale-04,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0024	DH-05	Display High Scale-05,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0025		Display High Scale-05,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0026	DH-06	Display High Scale-06,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0027		Display High Scale-06,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0028	DH-07	Display High Scale-07,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0029		Display High Scale-07,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
002A	DH-08	Display High Scale-08,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
002B		Display High Scale-08,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
002C	DH-09	Display High Scale-09,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
002D		Display High Scale-09,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
002E	DH-10	Display High Scale-10,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
002F		Display High Scale-10,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0030	DH-11	Display High Scale-11,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0031		Display High Scale-11,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0032	DH-12	Display High Scale-12,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0033		Display High Scale-12,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W

0034	DH-13	Display High Scale-13,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0035		Display High Scale-13,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0036	DH-14	Display High Scale-14,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0037		Display High Scale-14,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0038	DH-15	Display High Scale-15,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0039		Display High Scale-15,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
003A	DH-16(Note)	Display High Scale-16,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
003B		Display High Scale-16,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
003C	AL1	Alarm 1,Input RangeFFFFB1E1~0001869F(-19999~99999)high word	R/W
003D		Alarm 1,Input RangeFFFFB1E1~0001869F(-19999~99999)low word	R/W
003E	AL2	Alarm 2,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
003F		Alarm 2,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0040	AL3	Alarm 3,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0041		Alarm 3,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0042	AL4	Alarm 4,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0043		Alarm 4,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0044	ANLO	Analog Output Zero According to Display,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0045		Analog Output Zero According to Display,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0046	ANHI	Analog Output Span According to Display,Input Range FFFFB1E1~0001869F(-19999~99999)high word	R/W
0047		Analog Output Span According to Display,Input Range FFFFB1E1~0001869F(-19999~99999)low word	R/W
0048	AZ	Display Auto zero, Display Range FFFFB1E1~0001869F(-19999~99999)high word	R
0049		Display Auto zero, Display Range FFFFB1E1~0001869F(-19999~99999)low word	R
004A	MAX	Display maximum Hold, Display Range FFFFB1E1~0001869F(-19999~99999)high word	R
004B		Display maximum Hold, Display Range FFFFB1E1~0001869F(-19999~99999)low word	R
004C	DISPLAY	Display Value, Display Range FFFFB1E1~0001869F(-19999~99999)high word	R
004D		Display Value, Display Range FFFFB1E1~0001869F(-19999~99999)low word	R
004E	FUNC	Terminal function,Input Range 0000~0007(0~7)(0:OFF,1:ON)(Bit0:AZ,Bit1:HOLD,Bit2:MAX) Note:ONLY Bit0:AZ ENABLE WRITE	R/W

Note: When MM3S MODEL X=NIL,This Address Name is DSPH.