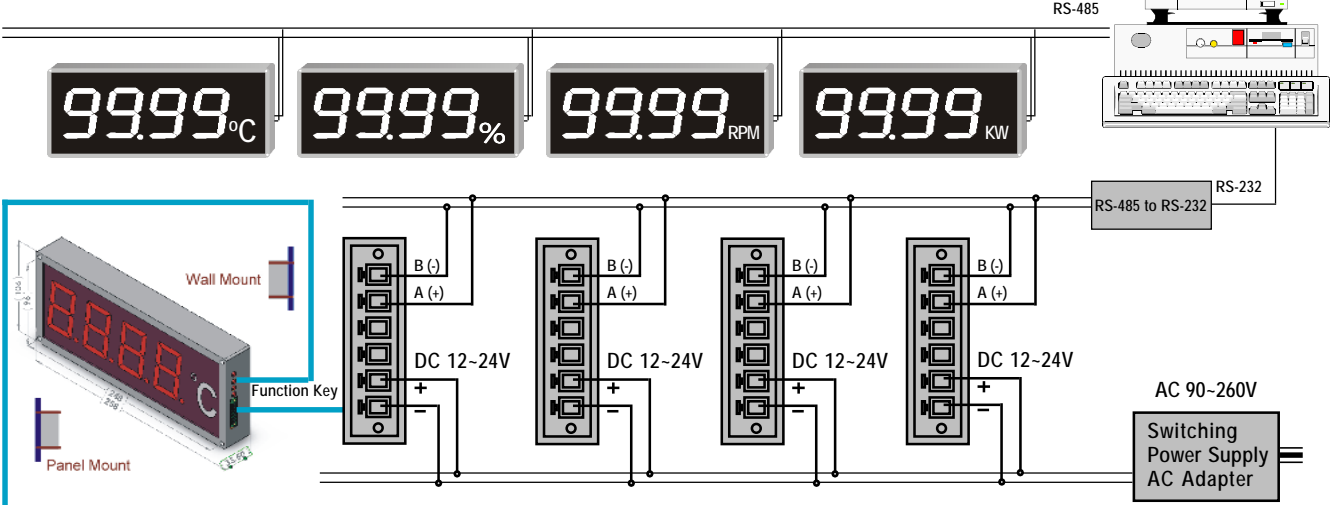


MT-D6/10/16/25 系列是一種字體高度 4.0"(100mm) 3-8 位數以 ModBus 通信協定的大型數值顯示器。可設定參數有小數點;顯示器位址(0-247);通訊速率(2400-115200);通信模式(RTU;ASCII;RTU-no_CRC);參數設定授權(0-5)。硬體介面有 RS-232(一對一)或 RS-485(一對多)兩種。



- FUN** 按此鍵可觀看各項設定值參數 (d.P / Addr / bAud / tYPE / AutH) 瀏覽功能。在瀏覽功能時按此鍵持續 3 秒將進入設定功能。
- ▶** 在設定功能時按此鍵將使待設定位數(閃爍)右移一位數。
- ▲** 在設定功能時按此鍵使待設定位數(閃爍)設定值加 1。
- R** 在瀏覽功能時按此鍵使顯示幕恢復顯示量測值同時取消瀏覽功能。在設定功能時按此鍵存入新設定值並跳至下一參數瀏覽功能。

在改變設定值時按 **R** 鍵才會將新設定值存入。

0 **FUN** **▶** **▲** **R** 在顯示功能時按 **FUN** 鍵進入瀏覽功能步驟

1 **FUN** **▶** **▲** **R** 交互閃爍 **dP** 按持續 3 秒

1-1 **FUN** **▶** **▲** **R** 按持續 3 秒 閃爍位數等待被改變

1-2 **FUN** **▶** **▲** **R** 此時此鍵無作用 閃爍位數右移

1-3 **FUN** **▶** **▲** **R** 此時此鍵無作用 閃爍位數再右移

2 **FUN** **▶** **▲** **R** 交互閃爍 **Addr** 按持續 3 秒

2-1 **FUN** **▶** **▲** **R** 按持續 3 秒 閃爍位數等待被改變

2-2 **FUN** **▶** **▲** **R** 閃爍位數右移

2-3 **FUN** **▶** **▲** **R** 閃爍位數加 1

3 **FUN** **▶** **▲** **R** 交互閃爍 **bAud** 按持續 3 秒

3-1 **FUN** **▶** **▲** **R** 按持續 3 秒 閃爍等待被改變

3-2 **FUN** **▶** **▲** **R** 閃爍等待被改變

3-3 **FUN** **▶** **▲** **R** 閃爍等待被改變

4 **FUN** **▶** **▲** **R** 交互閃爍 **tYPE** 按持續 3 秒

4-1 **FUN** **▶** **▲** **R** 按持續 3 秒 閃爍等待被改變

4-2 **FUN** **▶** **▲** **R** 閃爍等待被改變

4-3 **FUN** **▶** **▲** **R** 閃爍等待被改變

在改變設定值時按 **R** 鍵才會將新設定值存入。

此設定功能可設定授權使用者設定項目
如設定為 2, 使用者設定項目只能到 Addr.
設定授權使用者設定項目 0-5
如設定為 4, 使用者設定項目只能到 tYPE.

再按 **FUN** 鍵返回顯示功能(Normal)

ModBus RTU (with CRC check) Mode 通訊協定指令例:

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ModBus ASCII Mode 通訊協定指令:

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<p>QUERY (Read Real Data Value)</p> <table border="1"> <thead> <tr> <th>Field Name</th> <th>Example (Hex)</th> <th>ASCII Characters</th> </tr> </thead> <tbody> <tr><td>Header</td><td></td><td>:(colon)</td></tr> <tr><td>Slave Address</td><td>01</td><td>0 1</td></tr> <tr><td>Function</td><td>03</td><td>0 3</td></tr> <tr><td>Starting Address Hi</td><td>00</td><td>0 0</td></tr> <tr><td>Starting AddressLo</td><td>00</td><td>0 0</td></tr> <tr><td>No. of Words Hi</td><td>00</td><td>0 0</td></tr> <tr><td>No. of Words Lo</td><td>02</td><td>0 2</td></tr> <tr><td>Error Check</td><td>FA</td><td>F A</td></tr> <tr><td>Trailer</td><td></td><td>LRC(2 Chars.) CR LF</td></tr> </tbody> </table> <p>*Error Check=HEX(100-01-03-00-00-00-02)=FA</p> <p>RESPONSE</p> <table border="1"> <thead> <tr> <th>Field Name</th> <th>Example (Hex)</th> <th>ASCII Characters</th> </tr> </thead> <tbody> <tr><td>Header</td><td></td><td>:(colon)</td></tr> <tr><td>Slave Address</td><td>01</td><td>0 1</td></tr> <tr><td>Function</td><td>03</td><td>0 3</td></tr> <tr><td>Byte Count</td><td>04</td><td>0 6</td></tr> <tr><td>Data Word-0 Hi byte</td><td>07</td><td>0 2</td></tr> <tr><td>Data Word-0 Lo byte</td><td>14</td><td>2 B</td></tr> <tr><td>Data Word-1Hi byte</td><td>07</td><td>0 0</td></tr> <tr><td>Data Word-1Lo byte</td><td>14</td><td>6 3</td></tr> <tr><td>Error Check</td><td>C2</td><td>C 2</td></tr> <tr><td>Trailer</td><td></td><td>LRC(2 Chars.) 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設定表之參數暫存器位址表:

Measurement Decription	Register(Long) Address(Hex)	Register Integer	Value	Remark
Real Data	00 00	2 (Read / Write)	32 bits	Long Type, 4-Bytes
Display Data	00 02	2 (Read only)	32 bits	4-digit (-1999~9999) 6-digit (-199999~999999) 8-digit (-19999999~99999999)
Over-Flow Sign	00 04	1 (Read only)	0,1	1= Overflow
Decimal Set	00 05	1 (Read only)	0~3; 0~5; 0~7	1=x.x; 2=x.xx; 3=x.xxx; 4=x.xxxx
ID Address Set	00 06	1 (Read only)	0~247	248~255 保留
Baud Rate Set	00 07	1 (Read only)	0~9	0=2400; 1=4800; 2=9600; 3=14400; 4=19200; 5=28800; 6=38400; 7=57600; 8=76800; 9=115200 bps.
Type	00 08	1 (Read only)	0~2	0 = ASCII; 1 = RTU; 2 = RTU (none CRC)
Author	00 09	1 (Read only)	0~5	Function setting enable control

授權開放數據表:

Author	Decimal Set	ID Address Set	Baud Rate Set	Type	Author
= 0					
= 1	√				
= 2	√	√			
= 3	√	√	√		
= 4	√	√	√	√	
= 5	√	√	√	√	√

同時按 ► + ▲ 鍵 5 秒
將可進入 Author ID 設定
ID = 555