

Hengtong HT_EMS

Supported Series : HT_EMS

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	HT_EMS		
PLC I/F	RS232		
Baud rate	115200		
Data bits	8		
Parity	None		
Stop bits	1		
PLC sta. no.	0		

Online simulator	YES	Extend address mode	YES
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Device Address:

Bit/Word	Device type	Format	Range	Memo
B	EMS Bit	DDDDdd	0 ~ 3276715	EMS bit
W	EMS	DDDD	0 ~ 1023	
W	PCS	DDDD	0 ~ 1023	
W	STS	DDDD	0 ~ 1023	
W	Central control Postive	DDDDdd	0 ~ 1023	*Note1,*Note4
W	Central control Negtive	DDDDdd	0 ~ 1023	*Note1,*Note4
W	Battery stack	DDDDdd	0 ~ 1023	
W	Battery cluster	DDDD	0 ~ 1023	
W	PV INV	DDDD	0 ~ 1023	
W	PV junction box	DDDD	0 ~ 1023	
W	DC charging pile	DDDD	0 ~ 1023	
W	AC charging pile	DDDD	0 ~ 1023	
W	Grid gateway meter	DDDD	0 ~ 1023	
W	ESS gateway meter	DDDD	0 ~ 1023	
W	PV INV gateway meter	DDDD	0 ~ 1023	
W	Charging pile gateway	DDDD	0 ~ 1023	
W	Wind energy gateway	DDDD	0 ~ 1023	
W	Load gateway meter	DDDD	0 ~ 1023	

Bit/Word	Device type	Format	Range	Memo
W	ACDC	DDDDD	0 ~ 1023	
W	DCDC	DDDDD	0 ~ 1023	
W	Air-condition	DDDDD	0 ~ 1023	
W	Fire fighting	DDDDD	0 ~ 1023	
W	UPS	DDDDD	0 ~ 1023	
W	Diesel engine	DDDDD	0 ~ 1023	
W	EQP_LIST	DDDDD	0 ~ 1023	*Note2
W	SYS_INFO	DDDDD	0 ~ 1023	*Note2
W	SYS_TIME	DDDDD	0 ~ 5	*Note1,*Note3
W	ESS inside meter	DDDDD	0 ~ 1023	

Note1: Only Central control Postive, Central control Negtive,SYS_TIME can be written.

Note2: EQP_LIST,SYS_INFO only support ASCII object.

Note3: SYS_TIME year(SYS_TIME-1) is necessary to more than 2000,when its values be written,PLC will update every 500 ms,so it may display the previous value once to twice.

Note4: Central control Postive, Central control Negtive write in same address.The only difference bwteern two address type is only write type.

Note5: To query the third device, you need to set the object address to 2#.

For example, DC Charge pile with the signal ID 1 of the third device, set it to 2#1

Wiring Diagram:

RS232 (Diagram 1 ~ Diagram 3)

Diagram 1

cMT Series	<i>cMT3071 / cMT3072 / cMT3090 / cMT3103 / cMT3151</i>
eMT Series	<i>eMT3070 / eMT3105 / eMT3120 / eMT3150</i>
MT-iE	<i>MT8073iE / MT8102iE</i>
MT-XE	<i>MT8092XE</i>
MT-iP	<i>MT6103iP / MT8102iP</i>

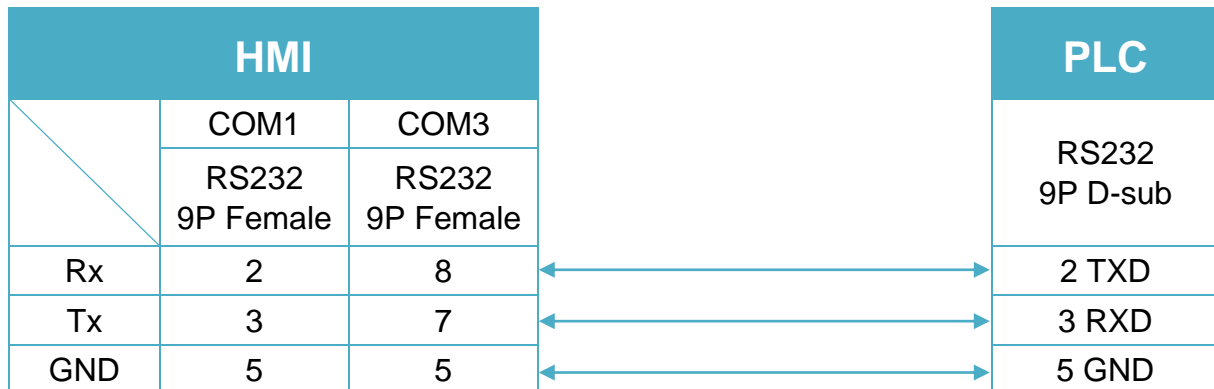


Diagram 2

cMT Series	<i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i>
mTV	<i>mTV</i>
MT-iE	<i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE / MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i>
MT-XE	<i>MT8121XE / MT8150XE / MT8090XE</i>

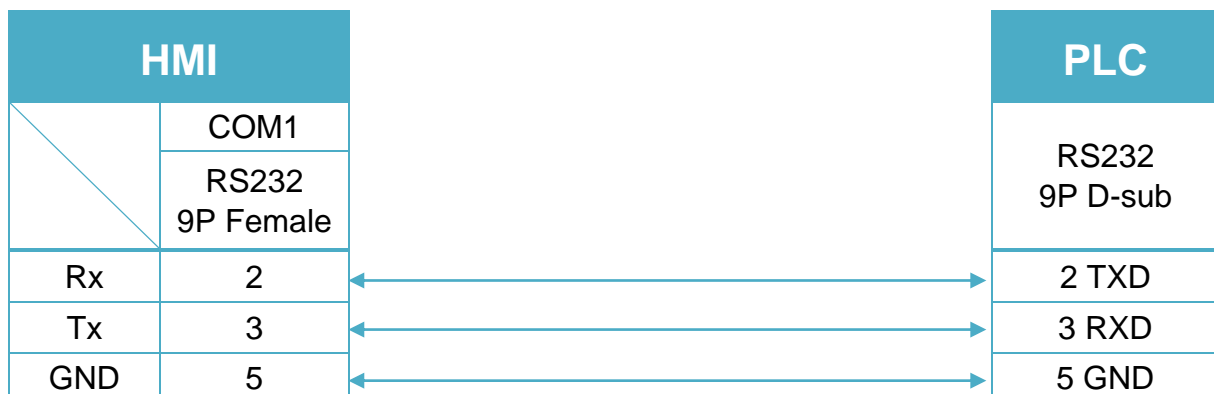


Diagram 3

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP / MT6071iP / MT8071iP*

