DELTA DVP

Supported Series: DELTA DVP series

Website: http://www.deltadriver.com

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	DELTA DVP		
PLC I/F	RS232	RS232, RS485	
Baud rate	9600	9600, 19200	
Data bits	7	7, 8	
Parity	Even	Even, Odd, None	
Stop bits	1	1	
PLC sta. no.	1	0-255	

*Support communications between HMI and PLC in pass-through mode

*Set LW-9903 to 2 to enhance the speed of download/upload PLC program in pass-through mode

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	X	OOOOO	0 ~ 23417 (octal)	Input
B	Y	OOOOO	0 ~ 23417 (octal)	Output
B	M	DDDDD	0 ~ 65536	Auxiliary Relay
B	S	DDDD	0 ~ 9999	Step Relay
B	T	DDDD	0 ~ 9999	Timer
B	C	DDDD	0 ~ 9999	Counter
B	TV_Bit	DDDDdd	0 ~ 999915	Timer
W	TV	DDDD	0 ~ 9999	Timer
W	CV	DDD	0 ~ 199	Counter
W	CV2	DDD	200 ~ 255	Double Word Counter
W	D	DDDDD	0 ~ 11999	Data Register

![WEINTEK logo]

Wiring Diagram:

The following is the view from the soldering point of a connector.

RS-232 8P Mini-DIN (Diagram 1 ~ Diagram 3)

Diagram 1

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

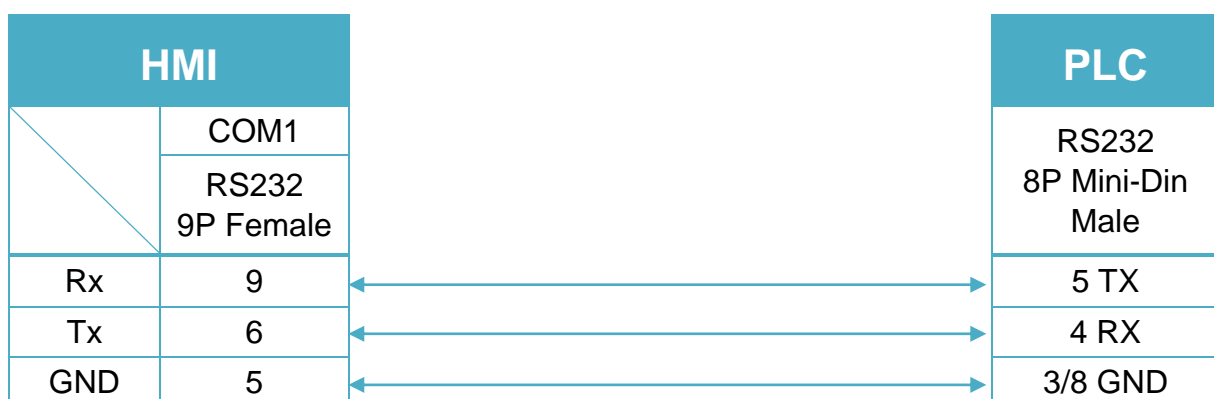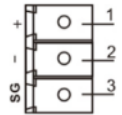| HMI			PLC
	COM1	COM3	RS232 8P Mini-Din Male
	RS232 9P Female	RS232 9P Female	
Rx	2	8	5 TX
Tx	3	7	4 RX
GND	5	5	3/8 GND

Diagram 2

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

HMI			PLC
	COM1		RS232 8P Mini-Din Male
	RS232 9P Female		
Rx	2	⟷	5 TX
Tx	3	⟷	4 RX
GND	5	⟷	3/8 GND

Diagram 3

MT-iE	MT8050iE / MT8053iE
MT-iP	MT6051iP / MT8051iP / MT6071iP / MT8071iP

HMI			PLC
	COM1		RS232 8P Mini-Din Male
	RS232 9P Female		
Rx	9	⟷	5 TX
Tx	6	⟷	4 RX
GND	5	⟷	3/8 GND

RS-485 2W (Diagram 4 ~ Diagram 9)

Diagram 4

cMT Series	*cMT3151*
eMT Series	*eMT3070 / eMT3105 / eMT3120 / eMT3150*

HMI				PLC
	COM1	COM3		RS485 2W Port
	RS485 2W 9P Male	RS485 2W 9P Male		
Data-	1	6	←→	2 Data-
Data+	2	9	←→	1 Data+
GND	5	5	←→	3 GND
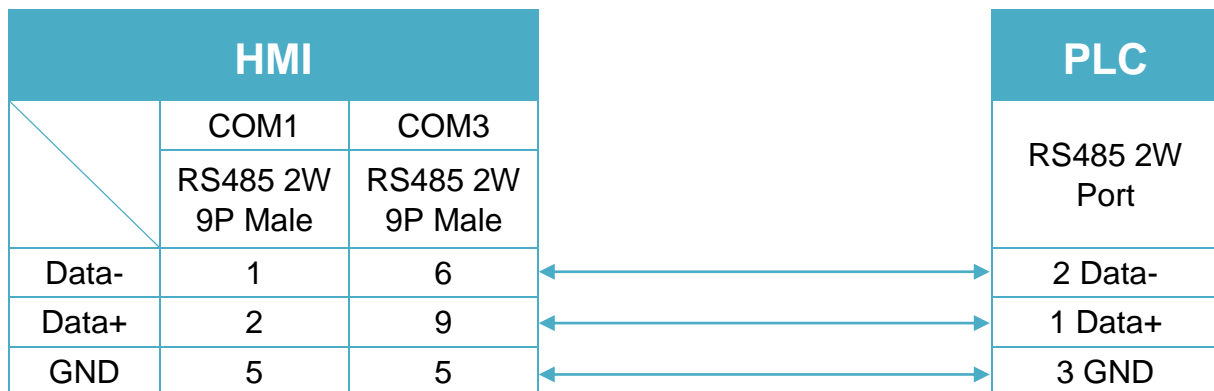
Diagram 5

cMT Series	*cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*
mTV	*mTV*

HMI				PLC
	COM2	COM3		RS485 2W Port
	RS485 2W 9P Female	RS485 2W 9P Female		
Data-	7	4	←→	2 Data-
Data+	6	1	←→	1 Data+
GND	5	5	←→	3 GND
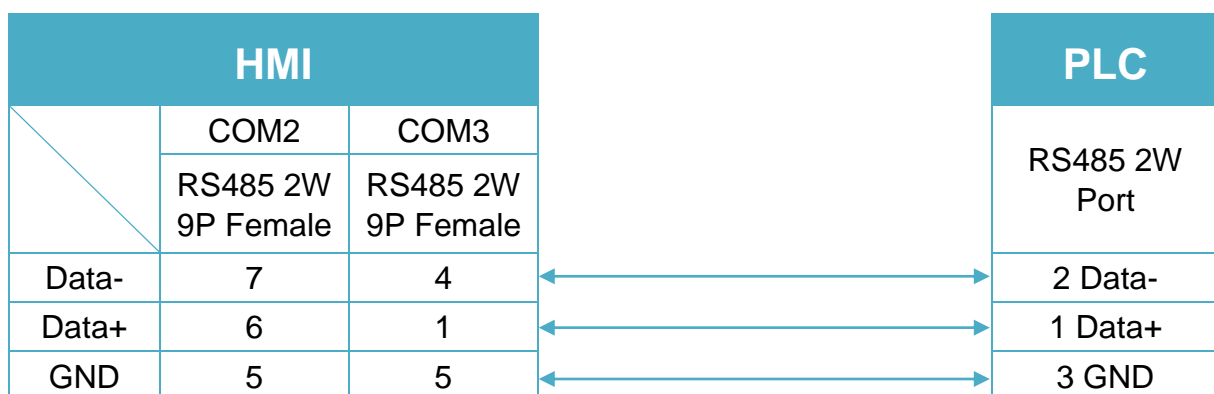
Diagram 6

MT-iE	MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE
MT-XE	MT8121XE / MT8150XE

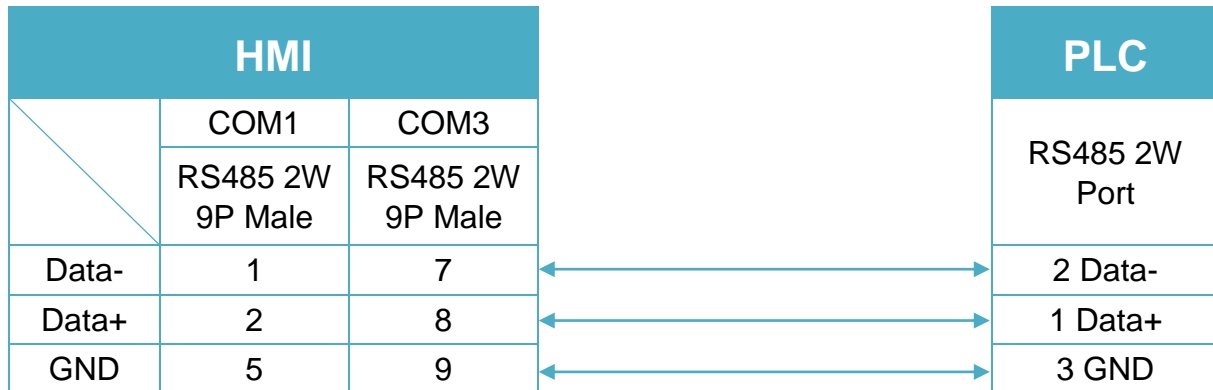| HMI				PLC
	COM1	COM3		RS485 2W Port
	RS485 2W 9P Male	RS485 2W 9P Male		
Data-	1	7	←→	2 Data-
Data+	2	8	←→	1 Data+
GND	5	9	←→	3 GND

Diagram 7

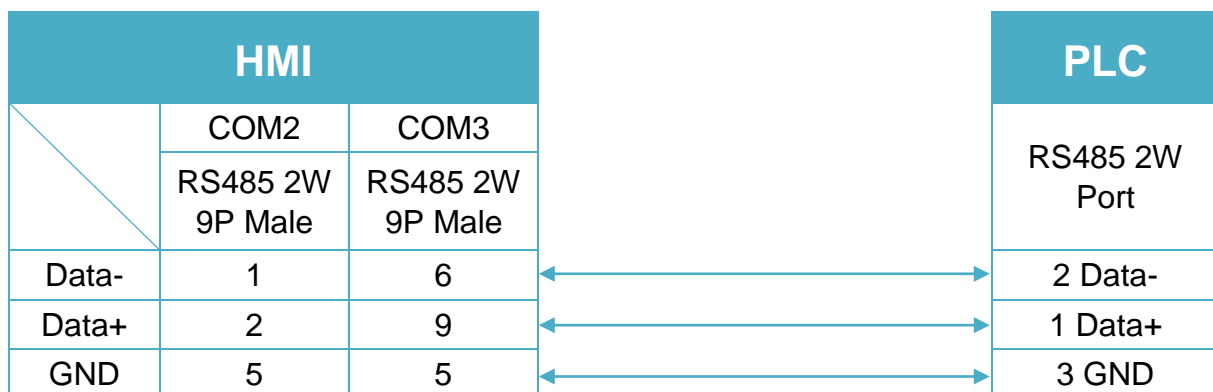| cMT Series	cMT3071 / cMT3072 / cMT3090 / cMT3103
MT-iE	MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE
MT-XE	MT8090XE / MT8092XE
MT-iP	MT6103iP / MT8102iP

HMI				PLC
	COM2	COM3		RS485 2W Port
	RS485 2W 9P Male	RS485 2W 9P Male		
Data-	1	6	←→	2 Data-
Data+	2	9	←→	1 Data+
GND	5	5	←→	3 GND

Diagram 8

MT-iE	MT8050iE / MT8053iE
MT-iP	MT6051iP / MT8051iP

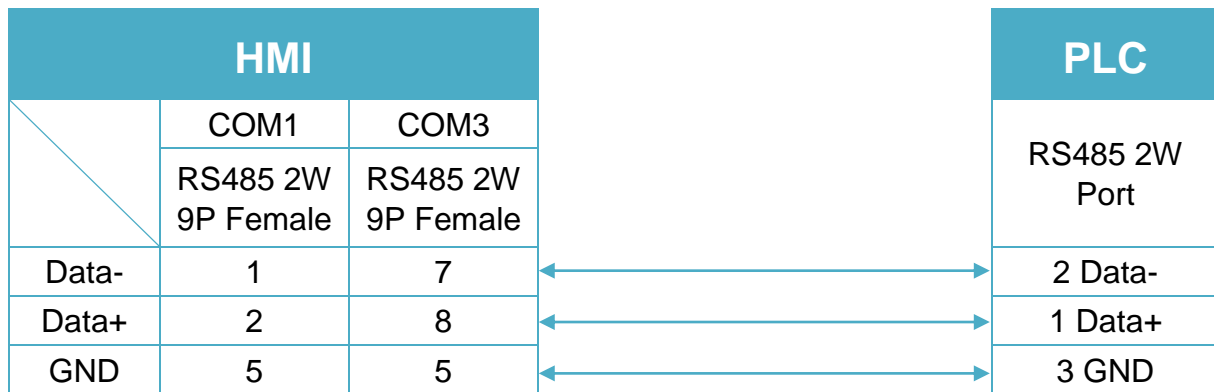| HMI			PLC
	COM1	COM3	RS485 2W Port
	RS485 2W 9P Female	RS485 2W 9P Female	
Data-	1	7	2 Data-
Data+	2	8	1 Data+
GND	5	5	3 GND

Diagram 9

MT-iP	MT6071iP / MT8071iP

HMI		PLC
	COM2	RS485 2W Port
	RS485 2W 9P Female	
Data-	1	2 Data-
Data+	2	1 Data+
GND	5	3 GND