

CTVue Application Note

Number:CTVUE-1006, Revision 1, 8/29/2007

Subject: Serial Pinouts for Various Cables

Epsilon EP to CTVue RS485 cable Pinout

Part Number: CTVUE-EP-485

Description: RS485 cable for connecting CTVue HMI to Epsilon EP or Unidrive SP

RJ45 (8P8C) CTVue pins		RJ45(8P8C) EP pins	
A (-)	8	7	RX/TX -
B (+)	7	2	RX/TX+
Common	6	5	0v

EN, MDS, Epsilon Classic to CTVue cable pinout

Part Number: CTVUE-MME-485

Description: RS485 cable for connecting Ctvue HMI to EN, MDS, and Epsilon

RJ45 (8P8C) CTVUE Pins		DB9 EN, MDS, Epsilon Pins	
A (-)	8	9	RX/TX -
B (+)	7	4	RX/TX+
Common	6	5	0v

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MC to CTVue RS485 4 wire cable Pinout

Part Number: CTVUE-MC-485

Description: RS485 cable for connecting CTvue HMI to MC Controllers

RJ45 (8P8C)		Mini Din 8	
CTVUE Pins		MC Pins	
TxB	7	←→	1
TxA	8	←→	2
RxB	4	←→	8
RxA	3	←→	7
Common	6	←→	4

FX to CTVue RS232 Cable Pinout

FX

Drives :

Description: RS232 cable for connecting CTVue HMI to Epsilon EP or Unidrive SP

RJ11		RJ11	
CTVue pins		FX pins	
Rx	2	←→	3 Tx
Tx	5	←→	2 Rx
Common	3	←→	5 0v

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AXIMA to CTVUE Cable Pinout

Part Number:

Description: RS485 cable for connecting CTvue HMI to AXIMA MC

RJ45 (8P8C)		Axima screw terminal		
CTVUE Pins		MC Pins		
TxB	7	←————→	7	Rx+
TxA	8	←————→	8	Rx-
RxB	4	←————→	5	Tx+
RxA	3	←————→	6	Tx-
Common	6	←————→	4	



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