Media Pro 4000 Brief Date: November 2nd 2001
File: SEM-ICM-4020_RS232_DF1_EZ-Touch_PanelView_BR110201.pdf
Module: ICM-4020 and SEM-4020
Title: Interfacing the Automation Direct EZ-Touch Panel View
to a SEM or ICM via RS232 DF1

ICM/SEM Signal		DIN 48F iout	ICM/SEM Port	RJ-11-6 Jack Pinout	Device I	Pinout	Device
CTS<	d	30	7	3			DA15M
TXD>	d	32	7	4	RXD	3	EZ-Touch
RXD<	b	30	7	5	TXD	2	PanelView
RTS>	b	32	7	2			PLC-Port
Ground-	Z	30	7	6	Ground	5	Using
Power+	Z	32	7	1			RS232

Media Pro 4000 (MP) SEM-4020 Port 7 Pinout (ICM & other SEM ports would be similar)

Cat 5 unshielded twisted pair cable is recommended for distances over 50 feet (tested to 1000')

Media Pro 4000 SEM-4020 Port 7 configuration (ICM & other SEM ports would be similar)

	Port Type			Baudra	Parity		Data Bits		Stop Bits		Alias					
Port 0	Pioneer L	aserd	isk	×	9600	+	None		8	-	1		LDP1		_	1
Post 1	Pioneer L	aserd	isk	*	9600	٠	None	٠	8	¥	1	٠	LDP2			
Port 2	Omicron S	witch	ner		9600	₹	Even		7		2		SWIT	CHI		
Port 3	Delault				19200	+	None		8		1		MPEG	1		
Port 4	Default			٠	19200	۲	None	۲	8	۲	1	٠	MPEG	2		
Port 5	DF1 Slave	* 2			19200	۲	None		8		1		PANE			
Post 6	Max MR 16 👻			19200	*	None	s = 8	8	٠	1		MR-16				
Port 7	DF1 Slave 🔹			19200		Even	٠	8		1	٠	PANE	LVIEWS	R		
DF1 Con	iguration		_			_		_	_	_	_	_				
	Dta From MP (0)			ula pe	To File		LC ala	Da	La 1 P (I		Q	Ŋ	Data Type	From File	PLC Data	F
Post 6		10000								0.20.00						l
Post 7	710	5	В		11		0		7	10		5	8 -	10	0	
Module (Comment															
	dule	_	_	_		-		_	_	_	-	-				7

Port Type: **DF1 SLAVE** (NOT DF1 PLC5, NOT DF1 SLC 500) { only one port is necessary per PV} Baud Rate (19.2k), Parity (Even), Data Bits (8), Stop Bits (1), Error Correction (BCC):Hard Coded

Data From Media Pro Output (channel base): **710** (choose the 1st output ch you want to send to the PV) Quantity of contiguous sending Words: **5** (64 max) Data Type: **B** (set to the desired file type in the PV) To File: **11** (set to the desired file number in the PV) PLC Data: **0** (offset into PV file)

Data To Media Pro Input (channel base): **710** (choose the 1st input ch you want to receive from the PV) Quantity of contiguous received Words: **5** (64 max) Data Type: **B** (set to the desired file type in the PV) To File: **10** (set to the desired file number in the PV) PLC Data: **0** (offset into PLC file)

Note: The number of elements (Words) must be equal to or larger than the size requested by the PanelView. {or the PV will get errors, the data will be undependable, and the communications ragged}

Note: Maximum Data transfer rate is approximately 10 times a second. The quantity of words sent & received may slow this down.

Specifications subject to change at any time.

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Automation Direct EZ-Touch Panel View (PV)

Step 1 Image: Step 1 Image: Step 2	
It's as easy as 1-2-3 EZT auch Programming Software Vision 1.01 Baud Rate 19200 Selected Action : Edit Offline Write Later Automationdirections Parity Even Edit Program Selected Action : Edit Offline Write Later www.saturedondect.com Stop bits One	
Edit Pioprin OFF-URE Note Edit Offline Write Later Automationalisations Parity Even Image: Constraint of the constraint	
Edit Program OFF-LINE [Miles] Stop bits One	
Drais Laci) C.(Boran BackEZI and Briant). Draise	
C4Program File/E2Touch/Project/	
Read Program Project Name : Project Name : Insone Preval and Extribution Preval and Extribution Preval and Extribution Preval and State Eding Screen Checksum Type	
Number 1 Name Set 1 Time-out Time (1-255) 30 (tenths of a second)	
Edit Program DN-LINE Parel Type E2:56C-F. 6" Color 300 (240 (44 drivers) Poll time (0-255) (tenths of a second)	
RET Spec Ret Ret	. 1

PLC Type: Allen Bradley SLC 500 Protocol: DF1 (Full Duplex) Baud Rate: 19,200 Parity: Even (EZ-Touch Default) Stop Bits: 1 Transmit: RS232 Checksum Type: BCC Timeout(s): 30 10ths (3 seconds) Poll Time: 0 10ths

SI.No	Tag Name	Data Type	PLC Address	Number of charcters	
**1	FT VIDEO ROCKWELL REQ	DISCRETE	B10:0/0		4
2	LEFT VIDEO ASI REQ	DISCRETE	B10:0/1		
3	LEFT STOP VIDEO	DISCRETE	B10:0/2		
4	LEFT VIDEO ROCKWELL P	DISCRETE	B11:0/0		
5	LEFT VIDEO ASI PLAYING	DISCRETE	B11:0/1		
6	LEFT VIDEO RUNNING	DISCRETE	B11:0/2		
7	SYSTEM READY	DISCRETE	B11:0/3		
8	LEFT VID MINS	UNSIGNED_INT_16	B11:1		
9	LEFT VID SECS	UNSIGNED_INT_16	B11:2		
10		DISCRETE			Y

Note: The elements requested must be included in the files defined in the MP SEM/ICM. (ie B10 & B11, 5 words each: B10:0/0 through B10:4/15 & B11:0/0 through B11:4/15) (or the PV will get errors, the data will be undependable, and the communications ragged)

