

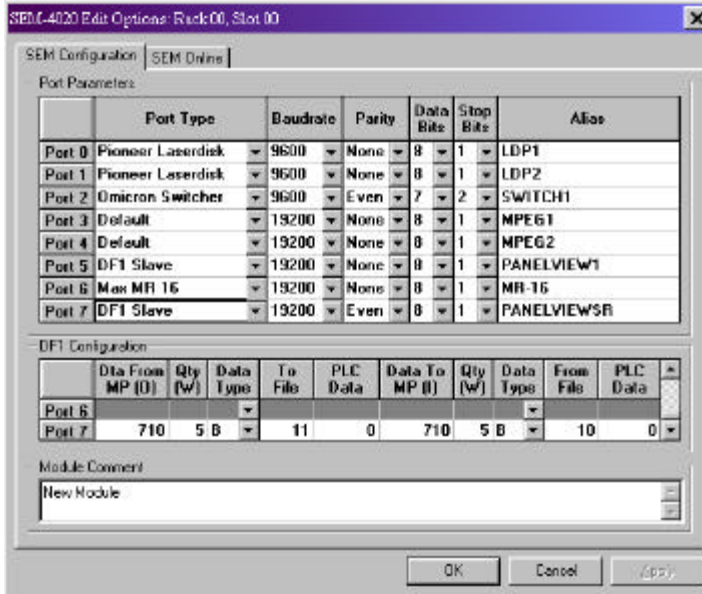
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**Media Pro 4000 (MP) SEM-4020 Port 7 Pinout** (ICM & other SEM ports would be similar)

ICM/SEM Signal	Harting DIN 48F Pinout		RJ-11-6		Device Pinout		Device
			ICM/SEM Port	Jack Pinout			
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

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: **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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Email [Mail@Anitech-Systems.com](mailto:Mail@Anitech-Systems.com) Web <http://www.Anitech-Systems.com> FTP <ftp://ftp.Anitech-Systems.com>

Phone (661) 257-2184 Fax (661) 257-2025

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## Automation Direct EZ-Touch Panel View (PV)

The image shows two windows from the EZ-Touch software. The left window, titled 'Step 1: Project Information', displays the 'Selected Action: Edit Offline Write Later' and 'ENTER PROJECT INFORMATION' section. The 'PLC Type and Protocol' is set to 'Allen Bradley SLC 500 DF1(Full Duplex)'. The right window, titled 'Allen Bradley SLC 500 (Full Duplex)', shows the 'PLC Editor Revision: A.1' and communication parameters: Baud Rate (19200), Parity (Even), Stop bits (One), Transmit (RS 232), Checksum Type (BCC), Time-out Time (30 tenths of a second), and Poll time (0 tenths of a second).

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

The TagDatabase window shows a list of tags for an Allen-Bradley SLC 500 DF1 PLC. The table below represents the data shown in the screenshot.

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

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}

