

Image Video Crosspoint Status Interfaces

Model / protocol	Type	Interface	Order of preference
BTS Saturn Master Swr. MPK	Master Control	Serial	
Evertz QMC Swr.	Master Control	Serial	
GVG M-2100 Pnl. Assignment	Master Control	Serial	
GVG M-2100 Swr.	Master Control	Serial	
GVG Kalypso	Production Switcher	Serial	
GVG Kayak	Production Switcher	Serial	
GVG Kayenne	Production Switcher	Serial	
GVG Model 4000-3	Production Switcher	Serial	
Philips DD35 (now Kayak)	Production Switcher	Serial	
Ross	Production Switcher	Serial	
Snell&Wilcox HD1000	Production Switcher	Serial	
Snell&Wilcox Kahuna	Production Switcher	Serial	
Sony MVS-8000	Production Switcher	Serial	
Sony MVS-8000X	Production Switcher	Serial	
Sony RS422	Production Switcher	Serial	
Sony XDNEWS Ctlr	Protocol Converter	Serial	
BTS BCS-3000/Jupiter	Router	Serial	
Datatek D-2166	Router	Serial	
Datatek D-2800 Series	Router	Serial	
Evertz EQX	Router	(TCP/IP port)	
GVG Encore	Router	Serial	1
GVG Encore	Router	(TCP/IP port)	2
GVG Indexed Native protocol	Router	Serial	1
GVG Indexed Native protocol	Router	(TCP/IP port)	2
GVG SMS-7000	Router	Serial	1
GVG SMS-7000	Router	(TCP/IP port)	2
GVG TenXL	Router	Serial	
Harris (LRC protocol)	Router	(TCP/IP port)	1
Harris (Leitch protocol)	Router	(TCP/IP port)	2
Harris (Named LRC protocol)	Router	(TCP/IP port)	3
Harris (Leitch protocol)	Router	Serial	4
Image Video 10K	Router	Serial	
Image Video 95 Series	Router	Serial	
Leitch	Router	Serial	
Miranda KX	Router	Serial	
Network Electronics VD6464	Router	Serial	
Network Electronics VikinX	Router	(TCP/IP port)	
Miranda (NVISION NV-9000)	Router	(TCP/IP port)	
Nvision Compact Router	Router	(UDP/IP port)	
Pesa 3500	Router	Serial	
PESA Lynx	Router	Serial	
Pesa PERC2000	Router	(TCP/IP port)	

Philips Mars	Router	Serial	
pro-bel	Router	Serial	
Quartz	Router	Serial	
Sony DVS Series	Router	(S-BUS port)	
Sony HKSP-R80	Router	(TCP/IP port)	
Stage Tec Nexus	Router	Serial	
Talia EOS-2000	Router	Serial	
Utah Scientific RCP-3	Router	(TCP/IP port)	

Image Video Under-Monitor Display Interfaces

Model	Interface	Protocol	Order of preference
Avitech MCC-8000 display	Serial	Avitech	
Avitech MCC-8000 display	Serial	TSL 3.1	
Barco Hydra Multiviewers	TCP/IP	Hydra	
Evertz MVP display	TCP/IP	Image Video RDU-1100	1
Evertz MVP display	Serial	Image Video RDU-1100	2
Evertz VIP display	TCP/IP	Image Video RDU-1100	1
Evertz VIP display	Serial	Image Video RDU-1100	2
Harris / Zandar Predator	TCP/IP	Zandar	
Harris Centrio	TCP/IP	Image Video RDU-1100	1
Harris Centrio	Serial	Image Video RDU-1100	2
Image Video RDU-1100 series UMDs	Serial	Image Video RDU-1100	
Image Video RDU-1510 series UMDs	Serial	Image Video RDU-1500	
Image Video RDU-1600 series UMDs	Serial	Image Video RDU-1500	
Image Video VxV-16 Multiviewers	TCP/IP	Image Video RDU-1100	
Image Video VxV-4 Multiviewers	Serial	Image Video RDU-1100	
Image Video VxV-4 Multiviewers	TCP/IP	Image Video RDU-1100	
Image Video VxV-HD	TCP/IP	Image Video RDU-1100	
Kayak Button Names support	Serial	ACOS	
Marshall monitors	Serial	Image Video RDU-1100	1
Marshall monitors	Serial	Image Video RDU-1500	2
Miranda KX and Alto Multiviewers	TCP/IP	Miranda Alto	
Sony switcher button names support	Serial	Sony	
TSL 3.1 Protocol-compatible UMDs	Serial	TSL 3.1	
TSL 3.1 Protocol-compatible UMDs	TCP/IP	TSL 3.1	
TSL 4.0 Protocol-compatible UMDs	Serial	TSL 4.0	
TSL 4.0 Protocol-compatible UMDs	TCP/IP	TSL 4.0	
TSL 4.0 Protocol-compatible UMDs	UDP	TSL 4.0	

Order of preference – where a device model can be interfaced multiple ways, 1 is the most-preferred or most-commonly used interface method, higher numbers have lesser preference. Generally where the option is TCP/IP or serial, TCP/IP is preferred due to ease of wiring.

TSI1000 and TSI-3000 Serial DB-9 PINOUTS (COM7-COM12)

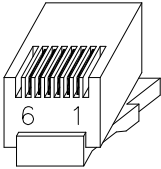
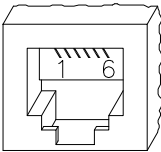
3 - TX+
8 - TX-
4 - TX gnd
7 - RX+
2 - RX-
6 - RX gnd
1 - Chassis gnd
9 - Chassis gnd

Many serial interfaces to TSI1000 or TSI-3000 require a swap of the RS-422 Receive and Transmit lines, with the following pinout (wiring is symmetrical so tally system end is not distinguished here):

Pin 3 TX+ to Pin 7 RX+
Pin 8 TX- to Pin 2 RX-
Pin 7 RX+ to Pin 3 RX+
Pin 2 RX- to Pin 8 RX-

TSI1000 and TSI-3000 Serial RJ-12 PINOUTS (COM3-COM7)

<i>Pin</i>	<i>Function</i>
1	Rx-
2	Gnd
3	Tx+
4	Tx-
5	Not used
6	Rx+



RJ-12 JACK RJ-12 PLUG

NOTE: RDU1500's connected to COM3-COM6 use only the center four conductors, and are a pin-to-pin connection (pin2 to pin2, pin3 to pin 3, etc.)

TXI-48 and TXI-80 Serial PINOUTS

3 - RX+
8 - RX-
4 - RX gnd
7 - TX+
2 - TX-
6 - TX gnd
1 - Chassis gnd
9 - Chassis gnd