

13W3 Connector Pinout

Pin	IBM Power PC	IBM RISC	Silicon Graphics	Sun SPARC	Sun (older)	Dell/ Hitachi
A1	Red	Red	Red	Red	Red	Red
A2	Green	Green	Green	Green	Green	Green
A3	Blue	Blue	Blue	Blue	Blue	Blue
1	ID 2	ID 2	Mon 3	Serial read	N/C	DDC clock
2	ID 3	ID 3	Mon 0	V. sync	N/C	N/C
3	Self-test	Gnd	C. sync	Sense 0	Sense 2	Reserved
4	Dig. Gnd	N/C	H. sync	Gnd	Gnd	DDC Gnd
5	H. sync	H. sync	V. sync	C. sync	C. sync	C. Sync/H. Sync
6	ID 0	N/C	Mon 1	H. sync	N/C	DDC data
7	ID 1	ID 1	Mon 2	Serial write	N/C	V. sync
8	N/C	ID 0	Dig. Gnd	Sense 1	Sense 1	N/C
9	V. sync	V. sync	Dig. Gnd	Sense 2	Sense 0	Reserved
10	Dig. Gnd	Dig. Gnd	Dig. Gnd	Gnd	Gnd.	Serial Gnd

Part Numbers

This manual covers the following cables and adapters:

Extron Part	Part #
13W3M to VGAM cable, 6'	26-527-23
13W3M to VGAM cable, with audio, 6'	26-527-03
13W3M to VGAF adapter	26-492-03
13W3M to VGAF adapter, with hex nut	26-492-04
13W3F to VGAM adapter	26-487-03
13W3F to VGAM cable, 1'	26-480-03

This manual covers the following products, which include one or more of the cables or adapters listed above:

Extron Part	Part #
Adapter kits for VSC 500/ VSC 700 / VSC 900	70-116-03
13W3M-VGAM, 13W3F-VGAM cable kit	70-157-23
13W3M-VGAM, with audio, 13W3F-VGAM cable kit	70-157-03
RGB 190FS	60-486-65
RGB 190FV and cable kit	42-026-63
RGB 192S	60-486-04
RGB 203xi VTG and cable kit	42-055-03
RGB 160xi	42-056-03
RGB192V and cable kit	42-054-01

Extron® Electronics

INTERFACING, SWITCHING AND DISTRIBUTION



User's Guide



13W3-to-VGA Cables and Adapters



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Installation

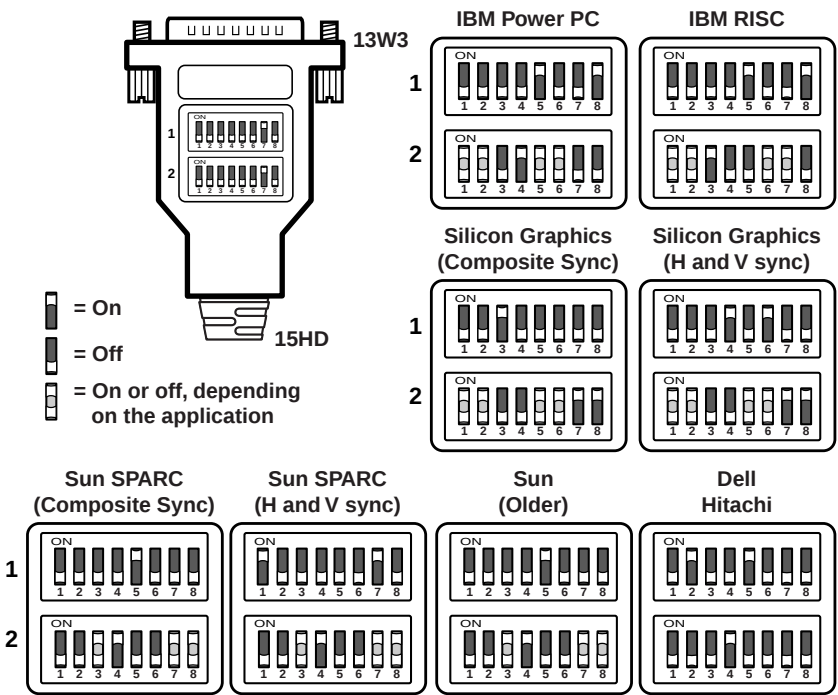
The 13W3-to-VGA adapter or adapter cable allows you to connect a computer that has a 13W3 video connector to a device with a 15-pin HD (VGA) connector.

Cabling the Computer

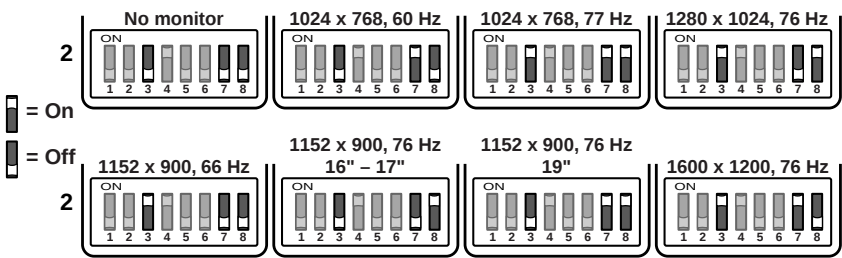
Connect a computer with a 13W3 connector to a device with a 15-pin HD connector as follows:

- 1. Turn off the input and output devices, and disconnect their power cables.
- 2. Set the switches on the adapter to match the computer type to which you need to connect. See *Switch settings* for the appropriate settings.
- 3. Attach the 13W3 end of the adapter to the 13W3 connector or cable.
- 4. Connect the VGA end of the adapter to the 15-pin HD connector or cable.
- 5. Restore power to the system.

DIP Switch settings



Switch 2 Settings for Sun Screen Resolutions



Signal Routing

13W3 connector pin	DIP switch 1 pin (on)	VGA connector pin
A1	1	1
A2	2	2
A3	3	3
2	1	14
7	2	14
3	3	13
4	4	13
5	5	13
5	6	14
6	7	13
9	8	14
13W3 connector pin	DIP switch 2 pin (on)	VGA connector pin
1	1	Gnd
2	2	Gnd
3	3	Gnd
4	4	Gnd
6	5	Gnd
7	6	Gnd
8	7	Gnd
9	8	Gnd
10	8	Gnd