

## 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 |

## User's Guide



## 13W3-to-VGA Cables and Adapters

# Installation

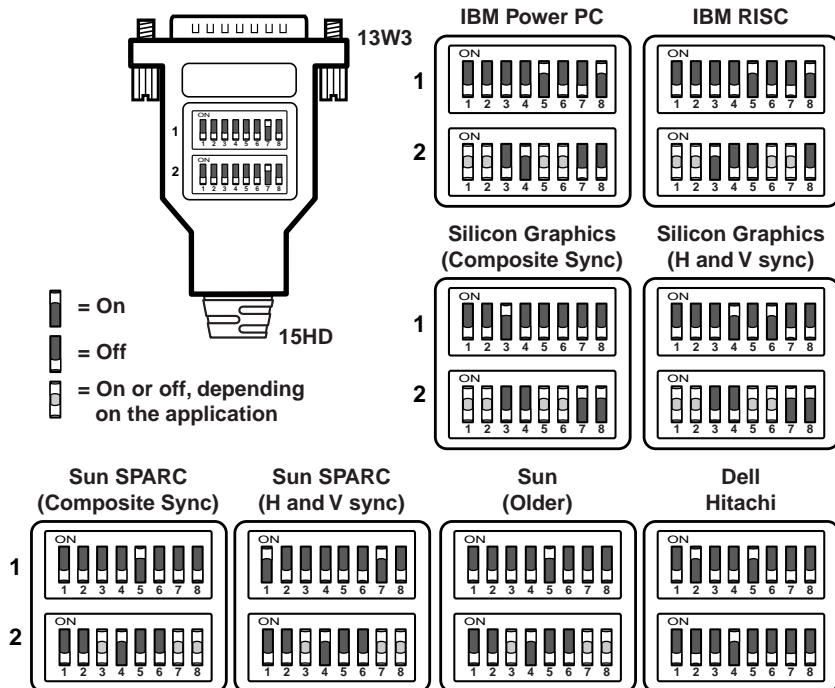
The 13W3-to-VGA adapter or adapter cable allows you to connect a computer that has a 13W3 video connector to a device with a 15-pin HD (VGA) connector.

## Cabling the Computer

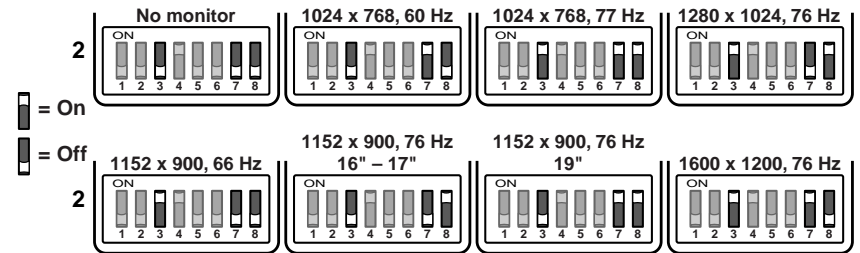
Connect a computer with a 13W3 connector to a device with a 15-pin HD connector as follows:

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                 |
| A2                 | ↔                     | 2                 |
| A3                 | ↔                     | 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                 | ↔                     | Gnd               |