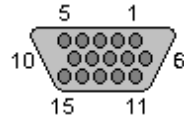
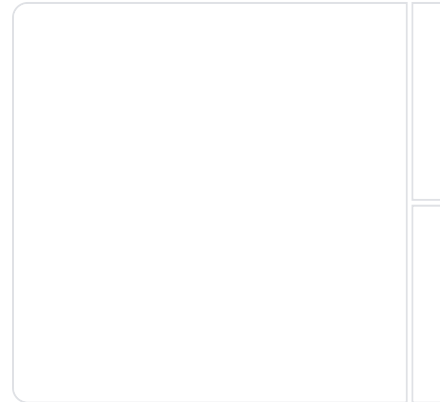


Pinouts > VGA, DVI, S-Video and other video connectors



15 pin highdensity D-SUB female connector



Just the thing you want
ebay

VGA=Video Graphics adapter or Video Graphics Array. VESA=Video Electronics Standards Association. DDC=Display Data Channel.

Pin	Name	Dir	Description
1	RED		Red Video (75 ohm, 0.7 V p-p)
2	GREEN		Green Video (75 ohm, 0.7 V p-p)
3	BLUE		Blue Video (75 ohm, 0.7 V p-p)
4	RES	-	Reserved
5	GND		Ground
6	RGND		Red Ground
7	GGND		Green Ground
▼	BGND		Blue Ground



11	ID0		Monitor ID Bit 0 (optional)
12	SDA		DDC Serial Data Line
13	HSYNC or CSYNC		Horizontal Sync (or Composite Sync)
14	VSYNC		Vertical Sync
15	SCL		DDC Data Clock Line

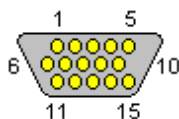
NOTE: There are 3 different protocols defined for DDC:

DDC1 - A unidirectional (display to host only) serial comm system which provides basic display ID and feature support information (including supported timings, display size, colorimetry and gamma, etc.) to the host. This uses pin 12 on the 15-pin "VGA" connector as a data line.

DDC2B - Adds clock (pin 15) and return (pin 11) to enable at least ID information to be obtained via an I2C interface. I2C is a bidirectional interface, but display control via DDC2B is not defined at this time.

DDC2AB - Full ID and control of the monitor via ACCESS.bus. As ACCESS.bus is basically a command and protocol definition on top of the I2C hardware interface, this uses the same lines as DDC2B.

Note: Direction is Computer relative monitor.



15 pin highdensity D-SUB male connector



Pinout status: +17 -2

According to [19 reports](#) in our database (17 positive and 2 negative) the VGA (VESA DDC) pinout should be correct.

Is this pinout



NO DIY devices

VGA (VESA DDC) visual pinout:click to enlarge

Source(s) of this and additional information: [Hardware Book](#)

Last updated: 2017-05-30 22:29:43



A horizontal banner featuring a scenic photograph of snow-capped mountains and green forests. Overlaid on the image is white text and a purple button.

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