

DDC Ghost



The Adder DDC Ghost has been developed to allow you to extend the life of your existing systems by adding full EDID data to your VGA signals

The Adder DDC Ghost is the most cost effective way to extend the life of your existing infrastructure. EDID data is a very important part of video extension and distribution, it allows the screens you use to match perfectly with the display drivers of the devices you attach to (graphics cards for example). The DDC (Display Data Channel) carries information about the physical characteristics of the screen, such as resolution or colour depth, back to the display adapter (graphics card) to ensure the resulting picture is correct, every time.

Full EDID Cloning

The DDC Ghost will clone a full dual page EDID (Extended Display Identification Data). This makes the DDC Ghost compatible with the latest ranges of display devices. The first page is the standard EDID data, and the second covers the extended data block. Standard EDID DataOur expertise with DDC EDID data has allowed us to put together an extended profile which is designed to cover most display devices. As such, the DDC Ghost may be used in connections where no data is otherwise available. You can choose whether to use this data or the original screen EDID attached.

Push and Go Setup

The DDC Ghost interface is secure and simple. Setting up the device is a single button process directed by the inbuilt LED indicator. This makes characteristics changing display devices a fast and simple process

What is DDC EDID?

DDC EDID is the data that describes the of the display device (monitor) to the display adapter (graphics card). This data is what enables plug and play connection with monitors. Characteristics included in the EDID data include: supported resolutions, manufacturer, phosphor/filter type, display size, luminance data and in the case of digital panels - pixel mapping. The DDC EDID is stored by the monitor, and requested by the graphics card. When you put a device in between the two, you need to ensure the DDC EDID is still passed through. In cases where the DDC EDID is not passed, DDC Ghost sits inline and provides the data directly to the graphics card. Essentially, the monitor is no longer asked for DDC EDID.

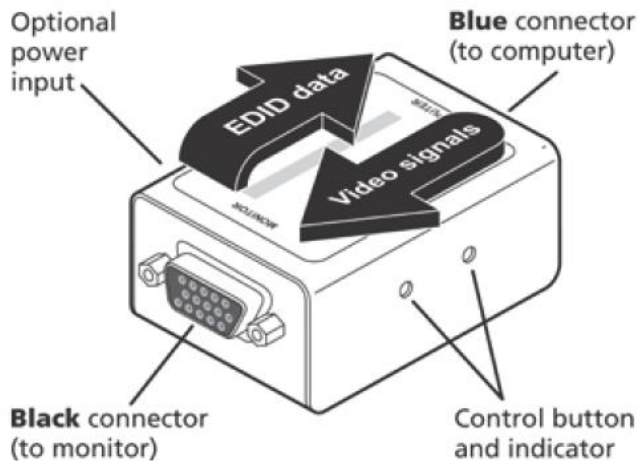
FEATURES

True DDC Emulation

Unless an extender actively supports DDC, some high performance video cards cannot be used at high resolutions. The DDC Ghost supports dual page DDC ensuring compatible resolutions are supported.

Interface Powered

The DDC Ghost takes its power directly from VGA pin 9. This reduces clutter, and makes installation as simple as possible. In situations where no pin 9 power is available, DDC Ghost can be powered directly via the optional 5V power supply.



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TECHNICAL SPECIFICATIONS

Video Resolution	Limited only by your selection of display device and display adapter
Connectors (local / computer)	Display Adapter Side: Standard VGA - HDD15 (Female)
Display Device Side:	Standard VGA - HDD15 (Female)
Physical (remote / console)	Adder DDC Ghost: All metal case, 120mm / 4.7" (w) x 75mm / 3"(d) x 26mm / 1" (h) 430g / 1 lb.
Power	Inline Power: 5V
External Supply (optional):	5V
Operating temperature	0°C to 40°C / 32°F to 104°F
Approvals	CE, FCC
Order Codes	DDC-Ghost

Standard EDID information

The standard EDID information supplied within the DDC Ghost module represents a standard analogue monitor (with no manufacturer details) capable of resolutions up to 1600x1200@60Hz. Other presented information is as follows:

640 X 480 @ 60Hz (IBM,VGA) Manufacturer details
 640 X 480 @ 75Hz (VESA) ID Manufacturer Name: NON
 800 X 600 @ 60Hz (VESA) Product ID Code: 0000
 Established timing II Last 5 Digits of Serial Number: 00000
 800 X 600 @ 75Hz (VESA) Week of Manufacture: 00
 1024 X 768 @ 60Hz (VESA) Year of Manufacture: 1990
 1024 X 768 @ 75Hz (VESA) Complete Serial Number: 0000000000
 1280 X 1024 @ 75Hz (VESA) Video input definition
 Standard timing identification Analog Signal: 0.700, 0.300 (1.000 Vp-p)
 1280 X 1024 @60Hz Separate Syncs
 1600 X 1200 @60Hz Established timing I
 1152 X 864 @75Hz 720 X 400 @ 70Hz (IBM,VGA)

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Lösungen für

IT, EDV, Rechenzentren, Industrie, Automation, Telekommunikation, Leitstand, Rundfunk, Fernsehen, Werbung		Physikalischer Schutz – Datenschutz IT- Sicherheitsräume
19 Zoll Einbaukonsolen 2 Port KVM Switches 4 Port KVM Switches 8 Port KVM Switches 16 Port KVM Switches KVM over IP Switches Matrix KVM over IP Switches KVM Switches DVI KVM Switches DVI Matrix Switches KVM Extender KVM over IP Extender USB Extender VGA Extender VGA + Audio Extender VGA + Audio + RS232 Extender DVI Extender DVI KVM Extender HDMI Extender DVI Splitter VGA Splitter VGA Video Switches Digital Signage Audio over IP Desktop over IP Line Interaktive USV Anlagen	1p / 1p Online USV Anlagen 3p / 1p Online USV Anlagen 3p / 3p Online USV Anlagen USV Anlagen USV Batterien USV Elektro Verteilung USV Service & Support USV Software USV Anlagen für Rechenzentren ATS Automatic Transfer Switches Konverter CATx Patchkabel LWL Patchkabel Netzwerkschränke Serverschränke Remote I/O Kontakte über IP Remote Power Management Rack Monitoring / Serverraum Überwachung Wireless Communication Mobiles Ethernet / Netzwerk GSM / GPRS / EDGE / UMTS / HSDPA Device Server Secure Console Server Serielle Server USB over IP	Brandfrühsterkennung Brandmelder Brandschutzpaneele Brandschutztüren Brandmeldezentralen Doppelboden / Doppelböden E-Installationstechnik Gaslöschanlagen Hochverfügbarkeitsraum / Hochverfügbarkeitsräume Kabeldurchführungen Klimageräte Leckagenwarnsysteme Netzersatzanlagen Präzisionsklimaschränke Sauerstoffreduzierung Serversafes Sicherheitsfolien Switchbox Videoüberwachung Zutrittssysteme