

CrystalView EX5

DVI, Audio, USB 2.0 KVM Extender



- Extend your high definition DVI Video, keyboard, mouse, USB 2.0 devices, and audio up to 330ft (100m) over CATx cable.
- Uncompressed video resolutions up to 1920 x 1200
- Three remote high speed USB 2.0 ports supplying 500ma power
- Supports USB keyboards, mice, printers, scanners, flash drives, audio devices, touch screens, web cams, game controllers, and many more USB device types

CrystalView EX5 Features

- Superior quality extension of HD video with uncompressed resolutions up to 1920 x 1200, 24-bit color depth.
- Supports USB 2.0 devices (high-speed / 480 Mb/s), USB 2.0 and 1.1 devices (full-speed / 12 Mb/s, and USB 2.0 and 1.1 devices (low-speed / 1.5 Mb/s).
- Extend your workstation up to 330 feet (100m) over CAT5e or better cable, solid core, UTP/STP.
- Increase remote USB high speed devices to 13 using USB Hubs, with 500ma power supplied on each USB port and 30Mb/sec throughput.
- Plug-and-Play installation, no configuration or set-up needed.
- Rackmount 1 or 2 local units using a specially designed CrystalView rack shelf.
- Industrial rackmount version supports 2, 3 or 4 extenders in a single 1U chassis. Rackmount the local unit, and deploy individual remote units.
- Audio is supported using audio over USB2.0.



Two CrystalView EX5 on a 1U rack-shelf

CrystalView EX5 Overview

Specially designed for quick and easy installation into industrial and enterprise work environments, the **CrystalView EX5** is a high performance KVM extender in a compact, low-profile chassis.

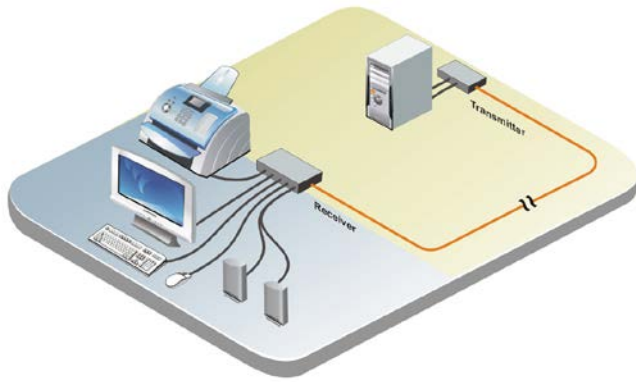
Featuring superior uncompressed DVI video up to 1920x1200 resolution and multiple high-speed USB2.0 links, the **CrystalView EX5** operates up to 330ft (100m) over a single CATx cable, with solid core STP cable recommended for longer distances.

With the PC and the CrystalView local unit rack-mounted in a secure environment, the user's desktop can be re-located to a control room or operating centre with full HD-DVI video, a USB keyboard and mouse, multiple USB2.0 devices and audio available.

If your PC is a dual/quad-head device with a single user and 2, 3 or 4 monitors plus a keyboard, mouse and audio on a desktop, then use our **CrystalView EX5-Multi** to extend all peripherals to the remote work area. If multiple independent extensions are required, then use our **CrystalView EX5-Rack** to extend up to four users, remote from their individual host PC's.

The **CrystalView EX5** extender supports all standard keyboard/mouse and USB 2.0 devices. It is ideal for use in industrial control areas, digital signage, connecting cameras for security systems, USB device printing, scanning and storage.

Typical Application



Control your computer up to 330 feet (100m) away

Supported OS Supports all major operating systems including: Windows®, MAC®, and Linux®, and also hard drives, flash drives, and MP3 players.

Installation Installing the **CrystalView EX5** extender is as simple as connecting the computer to the transmitter unit, connecting the receiver unit to your workstation equipment and connecting the transmitter and receiver together with CAT5 cable.

CrystalView EX5 Rack For applications that require multiple extenders with high density racking, the **CrystalView EX5-Rack** is a compact alternative. Two, three or four extenders can be combined in a single 1U, 19" rack chassis. The remote end can be either a rack chassis with a matching number of receiver units, or multiple single extender units.



CrystalView EX5 Rack – showing TX/RX Quad-Unit Extenders

Video Only Extenders For applications involving video only transmission, or video/audio, such as digital signage or presentation rooms, each of the above **CrystalView EX5-Rack** products is available in "video only" or "video/audio" versions – check with Rose for full details.

Specifications

Dimensions (W x D x H)	6.9 x 4.4 x 1.18 (inch) 175 x 112 x 30 (mm)	
Weight	2.2lbs (kg) each end	
Distance	330ft (100metres)	
CATx Cable	UTP, CATx (RJ45). Solid core, STP, Cat6 for best performance	
Resolution	1920x1200 uncompressed, 24-bit color	
Connectors	Local DVI-D Video USB-B (1) Link, RJ45 Power, +5VDC, 3A	Remote DVI-D Video USB Type A (3) Link, RJ45 Power, +5VDC, 3A
LED Indicators	Status, Link, Video, USB	Status, Link, Video, USB
Power	5VDC, 3A, 15W	5VDC, 3A, 15W
Remote Output	500ma on each USB port	
Operating Temp	32°F-104°F (0°C-40°C)	
Storage Temp	-4°F-158°F (-20°C-70°C)	
Op Humidity	+20% - 80%, non-condensing	
Approvals	FCC Class A, CE, ICES-003	
Compliance	RoHS	

CrystalView EX5-Rack

Dimensions (W x D x H)	16.7 x 4.85 x 1.75 (inch) 425 x 123 x 44 (mm)	
Weight	4.0lbs (1.8kg)	
Connectors	Local (1, 2, 3, 4) DVI-D Video USB-B (1) Link, RJ45 Power, +5VDC, 3A	Remote (1, 2, 3,4) DVI-D Video USB Type A (3) Link, RJ45 Power, +5VDC, 3A
LED Indicators	Status, Link, Video, USB (1 set for each active port)	
Power	5VDC external	

Part Numbers

CRK-1DXTX-EX5	CrystalView EX5 extender kit
RM-CRV-EX/19	19" 2-slot rackmount shelf
RM-CRV-EX/PLT	Cover plate for rackmount shelf
CrystalView EX5 Rack	Add (1,2,3,4 for "n")
CRV-nxSLDXTXnD-EX5	Transmitter rack chassis, 19"
CRV-nxSRDXTXnD-EX5	Receiver rack chassis, 19"
CRV-SRDXTX1DM-EX5	Receiver single user unit
/A1	3.5mm Audio option
/AS	3.5mm + Serial (DB9) option
RM-UB19	Rackmount bracket for TX or RX
RM-UM19	Rackmount bracket for single RX

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