

CrystalView EX6

DVI, USB 2.0, Audio - KVM Extender



CrystalView EX6 - Features

- Superior quality extension of full HD video with uncompressed resolutions up to 1920 x 1200 with 24-bit color depth.
- Supports USB 2.0 devices (high-speed / 40 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 30 using USB Hubs, with 500ma power supplied on each USB port and up to 40Mb/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 CrystalView EX6 "Rack" version supports 2, 3 or 4 extenders in a single 1U chassis. Rackmount the local unit, and deploy individual remote units.
- Support for USB2.0 audio devices
- Support for HDCP pass-through and Genesys hub
- Optional locking DC power jack available
- Host operating systems, Windows, OS-X, Linux



Two CrystalView EX6 on a 1U rack-shelf

- ▶ Uncompressed DVI HD video resolutions
- ▶ Up to 1920 x 1200 with 24-bit color depth
- ▶ Extend your high definition DVI Video, keyboard, mouse, USB 2.0 devices, and audio up to 330ft (100m) over CATx cable.
- ▶ Three remote high speed USB 2.0 ports with throughput up to 40Mbps
- ▶ Supports USB keyboards, mice, printers, scanners, flash drives, audio devices, touch screens, web cams, game controllers, and many more USB device types

CrystalView EX6 - Product Introduction

Specially designed for quick and easy installation into industrial and enterprise work environments, the **CrystalView EX6** is a high performance KVM extender in a compact, low-profile chassis.

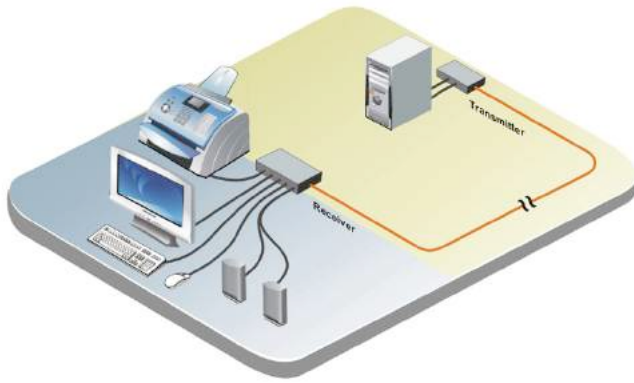
Featuring superior uncompressed DVI video up to 1920x1200 resolution and multiple high-speed USB2.0 links, the **CrystalView EX6** operates up to 330ft (100m) over a single CATx cable, with solid core STP cable recommended for longer distances.

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

If your PC is configured as a dual, triple or quad-head device then the **CrystalView EX6-Quad** product can extend all peripherals to the remote work area. If multiple independent extensions are required, then use our **CrystalView EX6-Rack** to independently extend up to four users, remote from their individual host PC's.

The **CrystalView EX6** extender supports most standard keyboard/mouse and USB 2.0 devices. It is ideal for use in industrial control areas, digital signage, security systems, USB device printing and scanning.

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 EX6** 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. Extension of monitor, keyboard and mouse from a KVM switch user port should be tested before implementation.

CrystalView EX6 Rack For applications that require multiple extenders with high density racking, the **CrystalView EX6-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 EX6 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 EX6-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 (1kg), each end	
Distance	330ft (100meters)	
CATx Cable	Single UTP, CATx (RJ45). Solid core, STP, CAT5e/6/7 for best performance	
Resolution	1920x1200 HD uncompressed, 24-bit color	
Latency	Less than 1ms	
USB Speed	USB2.0: Up to 40Mbps, USB1.1, Up to 12Mbps	
USB Host Support	xHCI (USB3.0), EHCI (USB2.0), OHCI/UHCI (USB1.1)	
Connectors	Local DVI-D Video USB-B (1) Link, RJ45 Power, +5VDC	Remote DVI-D Video USB Type A (3) Link, RJ45 Power, +5VDC
LED Indicators	Status, Link, Video, USB	Status, Link, Video, USB
Power	5VDC/3A grounded	5VDC/3A grounded
Remote Output	500ma on each remote USB port,	
Environment	Operating Temp: 32°F–104°F (0°C–40°C) Storage Temp: -4°F–158°F (-20°C–70°C) Humidity: +20% – 80%, non-condensing	
Approvals	FCC Class A, CE, ICES-003, RoHS2 (CE)	

CrystalView EX6-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, 4A	Remote (1, 2, 3, 4) DVI-D Video USB Type A (3) Link, RJ45 Power, +5VDC, 4A
LED Indicators	Status, Link, Video, USB (1 set of LED's for each active port)	
Power	5VDC external, grounded	

Part Numbers

CRK-1DTXT-EX6	CrystalView EX6 extender kit
RM-CRV-EX/19	19" 2-slot rackmount shelf
RM-CRV-EX/PLT	Cover plate for rackmount shelf
CrystalView EX6 Rack	Add (1,2,3,4 for "n")
CRV-nxSLDTXTnD-EX6	Transmitter rack chassis, 19"
CRV-nxSRDTXTnD-EX6	Receiver rack chassis, 19"
CRV-SRDTXT1DM-EX6	Receiver single user unit
/A1	3.5mm Audio option
/AS	3.5mm + Serial (DB9) option
RM-UB19	Rackmount bracket for TX or RX Rack
RM-UM19	Rackmount bracket for single RX

Contact Rose Electronics for a full listing of available part numbers
Product information is subject to change at any time