ROSE ELECTRONICS

NEW PRODUCTS

4K 8K HDMI DISPLAYPORT VGA DUAL-LINK DVI SDI USB KVM MATRIX SWITCH CONNECTIVITY HARDWARE SPLITTERS VIDEO CONVERTER

KVM SWITCHES

Xcion
Switchable KVM Extender in CATx or Fiber Interface

Supports HDMI or DVI/VGA, USB 2.0, audio, and serial
Units connect point to point or as a switch through a gigabit Ethernet switch
Switch mode enables up to 48 Xcion transmitters and receivers
Manage connections by OSD menu or through network app

Now available in 4K

Vista DP & Vista HDMI
1×4 KVM Switch ● 4K ● USB2 ● Audio

Switch four Video-USB sources to one station
Video resolution up to 3840×2160
Embedded audio on video or analog audio
Switch CPU peripherals together or independently
Supports USB 2.0 devices and USB-HID devices
Switch via hot-keys commands or serial port

DisplayPort Model

IPGARD
Secure KVM switch family

NIAP Certified KVM switch
VGA + Dual-Link DVI or DisplayPort
Single, dual, or quad head
Optional CAC port
Secure EDID learning

HDMI Model

MultiVideo
1×2, 1×4, 1×8 Multi-head KVM Switch

Quad-head or dual-head video input
DisplayPort or HDMI video
Resolution up to 3840×2160
Full HDMI, DisplayPort, or analog audio support
Switch CPU peripherals together or independently
Supports USB 2.0 devices and USB-HID devices

HDMI Model

DisplayPort Model

CrystalView Exact
DisplayPort ● USB ● LAN Extender

Extends DisplayPort 1.2, USB 3.1/2.0/1.1, and GBit Ethernet on CATx to 330ft (100m)

Supports 4K60 video and USB3.1 gen 1 data up to 5 Gbps

Four USB-A Gen 1 ports on the receiver unit, each with 1.5A power

Expandable to 30 ports with the use of USB hubs

Optimum performance with CAT6a and CAT7 (solid core) UTP/STP cabling

Orion XTender
Modular CATx/Fiber Extender ● 2/4/6/21-Card Chassis

Extends KVM on CATx up to 460 ft (140m), Fiber up to 33,000ft (10Km)

Video can be DVI, DVI-I, Dual-Link DVI, Dual-Head DVI, HDMI, DisplayPort, or SDI

Now available in DisplayPort, HDMI, and Dual-Link DVI up to 4K60

Converts from one type of video to another

Optional analog or digital audio, RS232, RS422/485, USB 2.0, USB 3.0

DisplayPort over redundant fiber

HDMI over CATx with local port

DVI+audio+serial over fiber

CrystalView HDMI 4K60
4K60 HDMI HDBaseT Extender

Extends HDMI signals to 330ft (100m) using CAT6 cable and HDBase-T technology

Resolutions up to 4K60 and 1080p60

Bidirectional IR and RS232 interfaces

Supports HDCP2.2, 3D video, and HDMI audio

Power-over-Cable (PoC) for remote unit power

CrystalView Active Optical Cables
100m HDMI 2.0 4K60 ● 50m Display Port 8K60

Sleek cable with integrated optics in cable heads

Power is dervied from video interface, no external power supply required

Flexible and tough low smoke zero halogen outer jacket

Run it through the wall, ceiling, plenum, or floor-to-floor

Plug-and-play installation works just like a copper cable

CrystalView HDMI Fiber 4K60
Up to 1Km on a single OM4 multimode fiber

Supports HDMI and embedded audio up to 4K60

Full DDC and CEC passthrough for trouble free installation

Use existing fiber installation with or without patch panels

Plug-and-play insalation works just like a copper cable

LED indicates status of link and verifies operation

CrystalLink USB 3.1
USB 3.1 Extenders

USB 3.1 gen 1 data rate up to 5Gbps

Supports all USB 3.1, 2.0, and 1.1 devices simultaneously at full bandwidth

Integrated 4-port USB hub

100/1000 Ethernet channel extension

Secure, isolated, high-speed extension

Plug-and-play product, no drivers or jumpers

Supports all major operating systems

CAT6a/CAT7 up to 330ft (100m)

Multi-mode fiber up to 660ft (200m)

VIDEO WALL

UltraVista 4K60
UHD HDMI Video Wall Controller

Real time high resolution video wall processor

HDMI input from 640×480 to 4K60

Four DVI outputs from 640×480 to 1920×1200

Each output display area controlled independently

Software configuration through USB or Ethernet

Includes an IR remote control for dynamically switching output layouts

HDCP compliant

MULTIVIEWER

QuadraVista UHD
Multiviewer with KVM control, 4K30, USB, Audio

Accepts 4× HDMI 1080p 50/60Hz video inputs

Outputs 4K30 quad-screen video with windows any size and location

Multiple units can be cascaded for displaying more inputs

Option modules for KVM over IP and video wall

On-screen display of the video source label, video, and window border

Intuitive GUI control

UltraVista Pro
Image Processing Video Wall Controller

Real time high resolution video image collection and processing

Supports a wide variety of input signal formats

Maximum input and output resolutions 1920×1200@60Hz and 3840×2400@30Hz for 4K cards

Hardware based, OS-free architecture for quality and reliability

HDMI/DVI inputs are HDCP compliant

Available with redundant power supplies

CrystalLink USB 3.1 Active Fiber Cable
USB 3.1 Extender to 330ft (100m)

Supports speeds up to 5 Gbps

Powered by the USB host

Low smoke zero halogen jacket

Pure optical or hybrid models

Hybrid model supports USB2.0

Optional hub breaks out USB3.0 and 2.0

CrystalLink USB 3.1 Active Copper Cable
USB 3.1 Extender to 50ft (15m)

Supports speeds up to 5 Gbps

Powered by the USB host

Supplies 900mA current

LED indicates status

Plug and play

Rugged industrial design

RACK DRAWERS

RackView Sideways 21" & 24"
High Resolution LCD

Innovative sideways sliding drawer with left or right-side opening
Resolution up to 1920×1200@60Hz

Now in 4K

RackView Widescreen 17" & 19"
Wide Format Display

DVI or VGA video input
USB keyboard and touchpad or trackball
Up to 1920×1080p resolution

Now in 4K

RackView LCD Panel Mount
DVI • VGA • HDMI

Available in 17", 19", 20", 21", 23", and 24" models with widescreen, HD, and touchscreen formats

SPLITTERS AND CONVERTERS

VideoSplitter HDMI 4K60
2, 4, or 8 HDMI outputs

Distribute a single HDMI video signal to multiple displays
Supports HDMI video up to 4K60
HDCP 2.2 / 1.4 compliant
Cascading feature to increase number of output displays

TransVue HDMI 4K2K Scaler
Upscale and downscale HDMI 4K60 and 1080p

Splits HDMI input to 2 outputs, one loop-out and other scaled
Supports 4096×2160, 3840×2160, and 1080p video resolutions
Features HDCP and CEC support

Translator VGA to HDMI Converter
Video Converter/Scaler

Powerful OSD for video adjustments
Noise reduction and video enhancement
Stereo and S/PDIF audio input converts to HDMI audio output

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