



# KRX-3 VIDEO DECODER



## The Key to the ViconNet Virtual Matrix Controller Any Camera on any Monitor

- Decodes digital IP data into analog video for display on any monitor
- Up to 3 analog video outputs: VGA, coaxial and S-Video
- Each output has the ability to provide a quad view, for a total of 12 video streams per KRX-3
- Compatible with both NTSC and PAL
- Maximum video system transmission rate up to 90 fps (75 fps PAL) or up to 30 fps (25 fps PAL) per output
- 24 VAC or Power over Ethernet (PoE) input power

The KRX-3 Video Decoder is a key part of the ViconNet® Virtual Matrix Controller. With the KRX-3 Video Decoder, network data is converted from a digital IP source to an analog output for display on any monitor with an S-Video, mini D-sub or coaxial input. This enables distribution directly to a monitor and offers a different display method than the PC- based client.

It also supports monitor wall designs that are typical of large-scale video surveillance installations such as casinos, correctional facilities, airports, hospitals and retailers. And, because the KRX-3 Decoder supports analog, VGA and S-Video monitors, there is no need to replace existing monitors with digital monitors. Full functionality

of ViconNet is provided regardless of what type of monitor is used.

Remote management and control of the KRX-3 Decoders and the monitors they feed can be done through the Virtual Matrix Controller. By using the VMC, the operator can route any camera on the network to any monitor connected to a KRX-3 on the network. This allows the KRX-3 Decoders to reside where the monitors are and enables the location of the cameras, switches and the control center at a different site or sites.

For large-scale operations, 8 KRX-3 Decoders can be rack mounted in a standard 19-inch rack.

Model No.	Product Code	Description
KRX-3V5	9119-75	3-Channel Video Decoder
KX-4-RK2	8959-30	2-unit rack for 19-in. mounting
KX-4-WM	8959-40	Wall mount bracket
KX-4-CC	8959-60	8-unit rack for 19-in. mounting

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# Technical Specifications

## ELECTRICAL

Input Voltage: 24 VAC  $\pm$ 20% or Power over Ethernet (PoE) IEEE 802.3af.

Current: 740mA max. @ 24 VAC  
PoE: 300mA max. @ 48 VDC

Power Consumption: Less than 13 W.

## VICONNET (IP)

Management Software: ViconNet Virtual Matrix Controller (part of ViconNet Digital Video Management System).

LAN Interface: 100/10 Mbps, TCP/IP Unicast.

Number of Channels: 3.

Resolution: Dependent upon output type.

Number of Quad Outputs: 1 minimum.

## VIDEO

Video Outputs: VGA, Composite and S-Video.

Video Connectors: Coaxial, mini-D sub and S-Video.

Color Scanning System: NTSC/PAL, automatic selection.

## MECHANICAL

Dimensions: Height: 1.7 in. (42 mm).  
Width: 8.5 in. (216 mm).  
Depth: 6.75 in. (153 mm).

## ENVIRONMENTAL

Operating Temperature: 32 to 122°F (0 to 50°C).

## Mounting Accessories

**KX-4-RK2:** Mounts 2 KRX-3 units in a standard 19-in. rack.

**KX-4-WM:** Mounts a KRX-3 to a wall or any vertical surface.

**KX-4-CC:** Mounts up to 8 KRX-3 units in a standard 19-in. rack.

