



KTX-4 ENTERPRISE SOLUTION



Integrates IP Video Into Large-Scale Environments

- High-density, modular solution converts 4 analog camera outputs into high-quality digital signals, 32 inputs per rack
- Multiple racks can serve thousands of cameras at a lower cost-per-channel
- Works with all cameras regardless of manufacturer
- 24 VAC or Power over Ethernet (PoE) input power
- Full PTZ control

Bring the power of ViconNet® Digital Video Management to large installations of analog cameras with the KTX-4 Digital Video Server Rack Solution. Gaming, corrections, airports and hospitals are but a few of the environments in which the KTX-4 can bridge the gap between analog and digital, providing real-time conversion of four high-resolution video channels at transmission rates of up to 120 fps (30 fps per camera). Racked together, the KTX-4 provides encoding of a virtually unlimited number of camera inputs within a very small space, and is highly cost-effective.

Remotely manage and control the KTX-4 Servers from ViconNet Workstations and Kollector™ Elite Recorders that are either on or off site. This supports a flexible network topology that allows installation of the KTX-4 Servers where needed and enables the location of a control center or a monitoring station at a different site or sites. It also simplifies installation, since once the cameras are connected to the KTX-4 Server, all of the video data can now be routed through standard network infrastructure, rather than coaxial cable. It also enables software control of the analog PTZ cameras from a workstation or Kollector Elite via the KTX-4.

Corporate Headquarters
89 Arkay Drive
Hauppauge, New York 11788
631-952-CCTV (2288)
800-645-9116
Fax: 631-951-CCTV (2288)

Vicon Europe Headquarters
Brunel Way
Fareham, PO15 5TX
United Kingdom
+44 (0) 1489 566300
Fax: +44 (0) 1489 566322

Germany
vin-videoelectronic infosystems gmbh
Lahnstrasse 1
D-24539 Neumuenster
Phone: +49 (0) 4321 8790
Fax: +49 (0) 4321 879 97

Far East Office
Unit 5, 17/F, Metropole Square
2 On Yiu Street, Shatin
New Territories
Hong Kong
(852) 2145-7118
Fax: (852) 2145-7117

www.vicon-cctv.com



Features

- Total nominal bandwidth of 1.7 Mbps per stream at Q5 (360 x 244 pixels)
- Maximum video transmission rate of up to 120 fps (100 fps PAL) up to 30 fps (25 fps PAL) per camera *
- On-board 100Mbps LAN allows direct plug-in to a network switch
- Uses ViconNet MPEG-4 to optimize file size and maximize picture quality
- Four alarm inputs
- 2 line-level microphone inputs
- Up to 4 CIF resolution 720 x 488 (864 x 586 PAL) * with 2 types of compression, Normal (optimized) ViconNet MPEG-4 and Full (JPEG)
- Supports NTSC, PAL, EIA and CCIR video formats
- Fully compatible with the ViconNet Digital Video

Management system **

Technical Specifications

Input Voltage:	24 VAC \pm 20% or Power over-Ethernet (PoE) IEEE 802.3af.
Current:	300mA @ 24 VAC max.
Power Consumption:	Less than 7 W.
PTZ:	1 RS-422/485 simplex protocol terminal block connection.
Number of Channels:	4
Number of Simultaneous Video Streams:	Maximum of 10 viewing/recording streams per server.
Video Quality:	ViconNet software quality 1-8, selectable on an 8-position bar with 2 compression level settings in resolutions 720 x 488 (864 x 586 PAL), 720 x 244 (864 x 293, PAL), 360 x 244 (423 x 293, PAL), 360 x 122 (432 x 146, PAL).
Dimensions:	Height: 1.7 in. (42 mm). Width: 8.5 in. (216 mm). Depth: 6.75 in. (153 mm).
Operating Temperature:	32 to 122°F (0 to 50°C).

* For high-resolution, high-activity video, there may be a drop off in overall frame rate.

** For more information on ViconNet, see the ViconNet Data Sheet.

