



KOLLECTOR STRIKE

16-CHANNEL HYBRID DIGITAL
NETWORK VIDEO RECORDERS

Kollector Strike packs network DVR performance into a sleek and cost-effective design

- Powered by ViconNet 5.6 software; H.264-ready
- Fully compatible with ViconNet open platform and supports IP and megapixel cameras from other manufacturers*
- 480 fps across 16 channels
- Compact 1 RU chassis
- Simultaneously records and transmits up to 16 digital video channels
- Macros for programming, recording, alarm and display events
- Geographic mapping and control GUI
- Logical camera groups
- System updates over the network
- Flexible frame-per-second settings; view video at one fps while recording at another

The Kollector® line of Digital Video Recorders, together with the power of ViconNet® 5.6, has evolved beyond ordinary DVR design. The Kollector Strike DVR sports not only a new look but also serves as a network recorder with the ability to view and control local and remote IP devices. This includes 3rd party IP and megapixel cameras used as part of a ViconNet open-platform system. The Kollector Strike features pre-loaded ViconNet 5.6 software and is H.264-ready. And all this at an unbeatable price.

Even with its new compact 1 RU design, the Kollector Strike is engineered to support 480 fps across 16 channels of video, as well as four audio channels.

The Kollector Strike is capable of 120, 240 or 480 fps with storage configurations that range up to 3 TB internally and are virtually unlimited with optional external RAID's. An internal DVD drive is provided as a backup storage option.

*Supported manufacturers are frequently updated.

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Technical Specifications

ELECTRICAL

Input Voltage: 120 - 230 VAC ±10%, 50/60 Hz nominal.
 Current: 1.25 A.
 Power Consumption: 144 W nominal.
 Heat Equivalent: 8.2 btu/min (2.1 kg-cal/min).
 System: CPU: Intel® Core™2 Duo 2.8 GHz.
 RAM: 2 GB.
 HDD: 500-3000 GB. (Based on model.)
 LAN Card: 2 100/1000 Mbps TPO, one for network and one for iSCSI.

Connector Types/ Quantities:

Analog Video Inputs: 16 BNC-F.
 Video Output: 1 VGA.
 PTZ Control Port: RS-422 serial port.
 Network: 2 RJ-45 ports.
 Sensors: 4 screw terminals.
 Microphones (Audio): 4 jacks.
 keyboard: PS2 or USB.
 Mouse: PS2 or USB.
 Audio Out: jack.
 Peripheral Port: 4 USB ports.

VIDEO

Video Level Input: All BNC connectors: 1.0 V peak-to-peak.
 Video Input Impedance: All BNC connectors: 75 ohms.
 Video Formats Supported: NTSC, PAL, EIA and CCIR.
 Video Recording Rate: 16 simultaneous channels @120, 240 or 480 fps max, 30 fps per channel, maximum.
 Video Recording Resolution: 520 horizontal TVL max at 720 x 488 pixel, 864 x 586, PAL.
 Video Quality: Selectable using a 4-position bar within 2 compression rates. Normal and Full buttons select optimized MPEG-4 or M-JPEG.
 Internal DVD drive.
 DVD Drive: Internal DVD drive.
 Camera to Recorder Analog Input
 Alarm Input Type: Automatically configured as NO/NC dry contact.
 Audio Input: Microphone should be 0 dbm, 32 KHz bandwidth, 600 ohm impedance, 2 V RMS (1 V p-p) output.
 VGA Monitor Output: SVGA, True-Color Mode with a resolution of 1024 x 768 or 1280 x 1024.
 VGA Video Display Modes: Multi-screen Display Mode for both live and Video Playback of 1, 4, 6, 9, 16 cameras.
 Indicators: 1 red power LED for HDD status; 1 green LED for power.

SOFTWARE OPERATION

Configuration: Main Window Screen contains 16-channel video display area, device list, controls and toolbars to operate and setup the system. Configuration menu to setup local and remote network sites, macros, devices, authorization, alarms, Picture Database Utilities, Authentication and Sequence Sessions.
 Surveillance Operation: Video display area shows up to 16 simultaneous cameras from all networked recorders. Simultaneous live, record and play back video displayed with full PTZ control.
 Macros: Automatic operation routines defined for local or networked recorded or live cameras, programmable functions of command duration, recording location, picture quality, refresh mode, recording rate (fps), sensor and relays and alarm activation.
 Authorization: Administrator and Guest group rights setup for specific system functions across network.
 Alarms: Alarms setup to activate using macros or triggered by sensors. Alarms triggered on video loss or "Area of Interest" motion detection screen.
 Integrated Software Options: Vicon SMS, ViconNet VI and Event Management.

MECHANICAL

Application: Indoor.
 Mounting: Standard 19 in. (483 mm) rack mount and stackable, 1RU height.
 Dimensions: Height: 1.75 in. (44.45 mm).
 Width: 19.0 in. (483 mm).
 Depth: 22.5 in. (571 mm).
 Excludes connectors and rack mount handles.
 Weight: 24.0 lb (10.9 kg), approximately.
 Construction: Steel case and hardware.
 Color: Black.

ENVIRONMENTAL

Operating Temperature Range: 32 to 104° F (0 to 40° C).
 Operating Humidity Range: 0 to 95% relative, noncondensing.

