



KOLLECTOR LITE XG 16-CHANNEL DIGITAL VIDEO RECORDER

New 16-channel DVR for use with ViconNet provides high-resolution video in a compact size ideal for tight spaces

- Powered by ViconNet software
- Compatible with Virtual Matrix Controller
- High-resolution image quality (4 CIF or D1, 720 x 488 pixels)
- Uses ViconNet MPEG-4 compression to optimize data and maximize picture quality
- Simultaneous record and transmission of up to 16 local digital video channels
- Controlled by any Collector Elite XG or ViconNet NVR
- 60 and 120 fps models
- Hard drive capacity up to 2 TB for long-term local storage
- Macros for programming, recording, alarm and display events
- Compact 2 U height
- Built-in user interface provides configuration setup without affecting recording or transmission
- No limit to number of units that may be networked
- Flexible frame-per-second settings; view video at one fps while recording at another

Introducing Collector™ Lite XG – Vicon's new value-priced DVR for use with ViconNet® digital IP-based video management systems. Offering the same, high quality video as other Collector models, Collector Lite provides a lower entry price for access to ViconNet's many high-performance features, including live video and playback, museum search, logical camera groupings, alarm alerts and much more. And as with all Collector models, the Lite XG allows for integration between your ViconNet system and solutions from industry lead-

ers in access control and video analytics. Enjoy the benefits and efficiencies of controlling all security operations from a unified system.

The Collector Lite supports recording and transmission of up to 16 channels of video and is available in 60 and 120 fps models. The unit may be controlled by any Collector Elite XG or ViconNet NVR on the network. Network multiple units together to create systems of unlimited size with unlimited potential.

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Technical Specifications

ELECTRICAL

Input Voltage:	100-127/200-254 VAC, 50/60 Hz nominal, manual switch selectable on power supply.
Current:	2.3 A.
Power Consumption:	300 W nominal.
System:	CPU: Intel® Celeron® 3.0 GHz minimum. RAM: 512 MB min. HDD: Up to 1 TB. (Based on model. See Table.)
Connector Types/ Quantities:	Analog Video Inputs: 16 BNC-F. Power: 1 standard 3-conductor female socket. 1 power toggle switch. VGA Video Output: 1 standard VGA mini-D-sub connector. Sensor Input Port: 4 NO/NC in screw terminal block, software selectable. PTZ Control Port: 1 DB-9 RS-232 serial port used with provided RS-422 adapter. Network Port: Ethernet 100Base-T RJ-45 jack. Keyboard Port: 5-pin DIN jack (PS2). Mouse Port: 5-pin DIN jack (PS2) or USB. USB 2.0 Ports: 2 on front panel and 4 on rear panel.

VIDEO

Video Formats Supported:	NTSC, PAL, EIA and CCIR.
Video Recording Rate:	16 simultaneous channels @ 60 or 120 frames per second, maximum, model dependant. 30 fps per channel, maximum.
Video Recording Resolution:	480 horizontal TV lines maximum at 720 x 488 pixel palette (864 x 586, PAL); 516 TV lines.
Panel Key Lock:	Key lock provided on front panel to secure all controls.
CD-RW Drive:	Standard.

MECHANICAL

Application:	Indoor.
Mounting:	Standard 19 in. (483 mm) rack mount and stackable, 2U height.
Dimensions:	Height (H): 3.5 in. (89 mm). Width (W): 16.75 in. (419 mm). Depth (D): 20.0 in. (508 mm). Note: Dimensions exclude rack mount flanges, hardware and connectors.
Weight:	26.0 lb (11.8 kg), approximately.
Construction:	Steel case and hardware.
Color:	Silver and black.

ENVIRONMENTAL

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

Model Number	Product Code	FPS	Channels	HD* (GB)	CD-R/W	Max Capture Resolution (pixels)
KLX60-80	9155-00	60	16	80*	√	720 x 488
KLX60-500	9156-00	60	16	500*	√	720 x 488
KLX60-1000	9157-00	60	16	1000*	√	720 x 488
KLX60-1500	9236-00	60	16	1500*	√	720 x 488
KLX60-2000	9237-00	60	16	2000*	√	720 x 488
KLX120-80	9158-00	120	16	80*	√	720 x 488
KLX120-500	9159-00	120	16	500*	√	720 x 488
KLX120-1000	9160-00	120	16	1000*	√	720 x 488
KLX120-1500	9238-00	120	16	1500*	√	720 x 488
KLX120-2000	9239-00	120	16	2000*	√	720 x 488

* 20 GB of space is used for the operating system and application.