



## KOLLECTOR PRO XG 16-CHANNEL DIGITAL VIDEO RECORDER

Provides local camera control and networking capabilities  
as part of a ViconNet system

- Powered by ViconNet software
- Compatible with Virtual Matrix Controller
- Uses ViconNet MPEG-4 compression to optimize data and maximize picture quality
- 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
- 8 alarm output relays
- High resolution image quality 720 x 488 (4 CIF or D1)
- Flexible frame-per-second settings; view video at one fps while recording at another

Kollector™ Pro XG, the next generation, offers a new look that fits into today's style. Vicon's most popular DVR is still a powerhouse. ViconNet's Version 4.0 pushes the Kollector Pro XG to a level of performance usually not seen in a cost-effective unit. Geographical map control and an optional active 4-output analog matrix are the highlights of an extensive list of feature enhancements that improve the Pro's overall use in any system. The Pro also provides seamless support of PTZ cameras via the back panel. Looping output for all channels is also provided.

As with all Kollector models, the Pro XG allows for integration between your ViconNet® system and solutions from industry leaders in access control and video analytics. Enjoy the benefits and efficiencies of controlling all security operations from a unified system.

As a DVR, Kollector Pro is unrivaled in its combination of cost-effectiveness and performance. Models include configurations that span the range from 30 fps to 240 fps with storage options up to 3 TB internally and up to 10 TB with an optional external RAID. Audio support for all 16 channels is also an option.

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# Technical Specifications

## ELECTRICAL

Input Voltage:	120 - 230 VAC +/- 10%, 50/60 Hz, nominal. NOTE: Vicon requires the use of uninterruptible power supply systems (UPS) to prevent voltage fluctuations that can affect operation and cause damage to the equipment. Failure to comply voids the warranty.
Current:	3 A.
Power Consumption:	KPX30 and KPX60: 400 W nominal. KPX120 and KPX240: 450 W nominal.
Heat Equivalent:	KPX30 and KPX60: 22.75 btu/min (5.7 kg-cal/min). KPX120 and KPX240: 25.6 btu/min (6.4 kg-cal/min).
System:	CPU: Intel® Celeron® 1.8 MHz, minimum, for 30 and 60 fps recorders. Intel Pentium® IV 2.66 MHz minimum for 120 and 240 fps recorder. RAM: 512 MB. HDD: 250 - 3000 GB. (Based on model. See Table.)

## VIDEO

Video Recording Rate:	LAN: Onboard 100/1000 Mbps interface. 16 simultaneous channels @ 30, 60 or 120 frames per second, maximum. 30 fps per channel, maximum.
Video Recording Resolution:	480 horizontal TV lines max at 720 x 480 pixel pallet (864 x 586, PAL).
Video Quality:	Selectable using a 4-position bar within 2 compression rates.
Analog Video Matrix:	4-output, optional.
Alarm Output:	8 output relays.
Audio:	16 inputs, optional

## SOFTWARE OPERATION

Configuration:	The Main Window Screen contains a 16-channel local video display area, device tree, controls and toolbars used to operate and setup the system. A configuration menu is used to setup the cameras, macros, devices, authorization, Alarms, Picture Database Utilities, Authentication and Sequence Sessions.
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Surveillance Operation:	The video display area can show up to 16 simultaneous local cameras providing controls for video quality. Simultaneous live, record and play back video can be displayed with full PTZ control
Macros:	Automatic operation routines can be defined for locally recorded or live cameras with 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 can be setup to perform specific system functions.
Alarms:	Alarms can be setup to activate using macros or triggered by sensors. Alarms can also be triggered on video loss or an "Area of Interest" motion detection screen.

## MECHANICAL

Application:	Indoor.
Mounting:	Standard 19 in. (483 mm) rackmount and stackable, 4U height.
Dimensions:	Height: 7.0 in. (178 mm). Width: 19.0 in. (483 mm). Depth: 120 fps: 22.0 in. (559 mm). 240 fps: 24.25 (616 mm). Note: Dimensions exclude connectors and rack mount handles.
Weight:	50.0 lb (22.6 kg), approximately.
Construction:	Steel case and hardware.
Color:	Black.

## ENVIRONMENT

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

Model Number**	Product Code	FPS	Channels	HD (GB)	CD-R/W	Max Capture Resolution (pixels)
KP30V4/ KP30MV4 Series	9186-00/-10	30	16	250*	√	720 x 488
	9187-00/-10	30	16	500*	√	720 x 488
KP60V4/ KP60MV4 Series	9188-00/-10	60	16	250*	√	720 x 488
	9189-00/-10	60	16	500*	√	720 x 488
	9190-00/-10	60	16	1000*	√	720 x 488
	9202-00/-10	60	16	1500*	√	720 x 488
KP120V4/ KP120MV4 Series	9191-00/-10	120	16	250*	√	720 x 488
	9192-00/-10	120	16	500*	√	720 x 488
	9193-00/-10	120	16	1000*	√	720 x 488
	9203-00/-10	120	16	1500*	√	720 x 488
	9232-00/-10	120	16	2000*	√	720 x 488
	9233-00/-10	120	16	3000*	√	720 x 488
KP240V4/ KP240MV4 Series	9195-00/-10	240	16	250*	√	720 x 488
	9196-00/-10	240	16	500*	√	720 x 488
	9197-00/-10	240	16	1000*	√	720 x 488
	9199-00/-10	240	16	1500*	√	720 x 488
	9234-00/-10	240	16	2000*	√	720 x 488
	9235-00/-10	240	16	3000*	√	720 x 488

\*\* Model numbers with M (product code -10) include 16x4 analog matrix.

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

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Vicon part number 8015-5085-06-00 Product specification subject to change without notice.