

ViconNet's All New Rev 3.0...DVR, IP Video and NVR Solutions

As you consider possible solutions based on ViconNet, it's important to understand that each DVR, IP Camera and NVR can be used in the same system, proving ViconNet's potential as a platform capable of supporting not only today's technology, but tomorrow's as well.

The latest release of ViconNet, Rev 3.0, has transformed ViconNet into an open platform ready for the demands of interaction with other security systems.



Kollector
Elite



Kollector
Pro

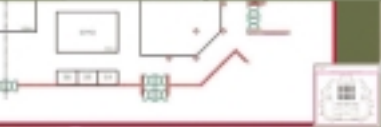


DVR Solutions

Vicon's popular Kollector DVR series takes another big step forward with the release of Rev 3.0. Improvements to the hardware and software capabilities of these powerful units make your choice for digital recording that much easier.



SURVEYORVFT



ROUGHNECK



Access Control & Video Analytics

Video alone is not the total solution to a complete security system. That's why Vicon has undertaken an extensive program to develop interfaces that improve the interoperability between different security systems including Access Control and Video Analytics.

IP Video Solutions

IP Video and NVR designs can be standalone configurations or a hybrid of IP Video and DVR systems. Vicon offers a diverse line of IP cameras and servers that produce high-quality video with scalable frame rates up to real time.

SOLUTIONS

NETWORK VIDEO RECORDING

VIDEO ANALYTICS

DIGITAL VIDEO RECORDERS

An extensive line of high-performance and cost-effective DVRs offers a balance between performance and price. Strengthened by the developments of ViconNet Rev 3.0, these recorders have been the cornerstone of ViconNet's success and are used in thousands of facilities across the world.



Kollector
Elite

Vicon's premium line of digital recorders offers a combination of DVR and NVR capability. These units leverage the full ViconNet software suite and accept analog video via rear panel connection but also support the need to view, record and configure other recorders and IP video sources across the network.



Kollector
Pro

The Pro series is one of the best DVR values found anywhere. This line of aggressively priced recorders includes a long line of optional models that cover every frame rate from 30 fps to 240 fps. A maximum of 1.2 TB of internal storage can be expanded with the use of external RAID devices.

REV 3.0 Improvements:

- Geographic mapping with camera selection and control
- Integration with Hirsch™ Velocity™ and other industry-leading Access Control Systems
- Integration with ObjectVideo® VEW™ Video Analysis System
- DVR Configurations
 - 30, 60, 120, 240 and 480 fps units
 - Up to 1.6 TB of internal storage
 - Compatible with external RAID units
- Optional 16 x 4 analog matrix switcher allows independent control of analog camera viewing separate from VGA display
- Low bandwidth control helps throttle bandwidth consumption

IP VIDEO SOLUTIONS

The ViconNet platform was designed from the start to support the transition to IP video. The benefits of an IP video solution include:

- Elimination of long coaxial cable runs (replaced by simple CAT 5)
- Ability to use standard servers for recording
- Possible use of existing cable/network infrastructure

A creative mixture of cameras and video servers makes up one of the most diverse IP Video lines found today. The outstanding image quality and compression that has been the foundation of ViconNet is what separates these products from the rest.

SURVEYOR VFT



Vicon's premiere high-performance PTZ dome is a proven product line with thousands of domes delivered worldwide. All dome variations are offered in IP video options that produce superior image quality with scalable frame rates up to 30 fps.

VN-755IP



Not your typical IP camera, the VN-755IP includes three analog inputs and acts as a camera and video server delivering high-quality images across the network.

ROUGHNECK



These tough vandal-resistant cameras have become a staple of video security systems. Vicon is one of the first to offer these specialty cameras with a direct network connection.

VN-301T Single-Channel IP Video Server



Designed to convert existing analog camera to digital, their compact design fits into most camera housings and saves on the cost to convert to digital.

Kollector
Network Server



These units are a hybrid of a PC-based digital recorder and a multi-channel server offering the best of both. Offered in versions up to 120 fps with 800 GB of internal storage, they are the perfect fit when network stability is a primary concern.

See the general specifications for each ViconNet IP video product on the back and watch for 4- and 8-channel video servers in the near future!

Use the new Geographic Map Interface (MAP GUI) to select any camera in the system

Create and link hundreds of maps that cover your entire system

Place camera icons at any location on the Map through a simple drop-in process



Main Control Interface

New controls for 4-channel analog matrix output on DVRs

On-screen PTZ makes tracking objects simple

High quality images can be captured at 4CIF (720 x 488)

Rev 3.0 supports dual monitor configurations

INTEGRATION

ViconNet's open platform supports a range of integrated solutions that create more than just a digital video system. The benefits of integrated systems include improved interoperability and efficiency in response action.

ACCESS CONTROL

ViconNet has been integrated with some of today's industry leading access systems. Integration interoperability supports key operational functionality through the access control station ...

- Automatic video call up upon an event
- PTZ preset and tour recall upon an event
- Manual camera call up and PTZ control
- Quick playback of any camera
- Automatically start recording upon an event

VIDEO ANALYTICS

ViconNet has now been integrated with ObjectVideo's award winning video analytics software ObjectVideo® VEW™. ObjectVideo VEW detects, identifies, classifies and tracks objects in real-time. The software then immediately generates alerts or sounds an alarm when user-defined security rules are violated.

The ObjectVideo VEW now accepts ViconNet's digital video signal over the network, removing the need to loop analog video to the ObjectVideo VEW client applications. Use these two powerful systems to...

- Create and apply rules specific to security requirements with an easy point-and-click system
- Draw tripwires or areas of interest directly on the camera view with a few clicks of the mouse
- Separate background and consistent images from objects that are abnormal and inconsistent; automatically discerns human, non-human or vehicle objects

Corporate Headquarters

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

European Headquarters

Brunel Way
Fareham, PO15 5TX
United Kingdom
+44 (0) 1489 566300
Fax: +44 (0) 1489 566322
email: sales@vicon.co.uk

Brussels Office

Zaventem
Belgium
+32 (2) 712-8780
Fax: +32 (2) 712-8781

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

A WORLD LEADER IN DIGITAL VIDEO COMMUNICATION SYSTEMS

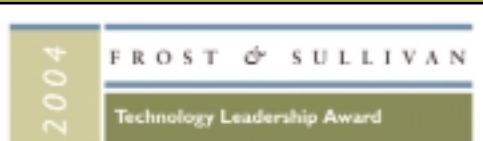
RECORDER SPECIFICATIONS

Model	Video Inputs	Max fps NTSC (PAL)	Alarm Inputs	Alarm Outputs	Audio Inputs	Analog Outputs
Kollector Elite						
KE240 Series	16	240 (200)	16	8	16	4-CH Matrix *
KE120 Series	16	120 (100)	16	8	16	4-CH Matrix *
Kollector Pro						
KP240 Series	16	240 (200)	16	8	16*	4-CH Matrix *
KP120 Series	16	120 (100)	16	8	16*	4-CH Matrix *
KP60 Series	16	60 (50)	16	8	8*	4-CH Matrix *
KP30 Series	16	30 (25)	16	8	4*	4-CH Matrix *

* Audio and analog output options available

IP VIDEO SPECIFICATIONS

Model	Type	Max fps NTSC (PAL)	Max Capture Resolution	Video Channels	Alarm Inputs	Audio Inputs
Surveyor VFT	High-Performance PTZ Dome	30 (25)	720x488	1	1	0
VN-755IP	Fixed CS-Mount Camera	30 (25)	720x488	4	4	1
V910 Roughneck	Vandal-Resistant Dome	30 (25)	720x488	1	0	0P
VN-301T	Single-Channel Server	30 (25)	720x488	1	1	1
KN Servers	16-Channel Server	30(25),60(50) 120(100)	720x488	16	4	0



Frost & Sullivan presented the 2004 Technology Leadership Award in the field of video surveillance to Vicon Industries Inc., in recognition of the company's leadership in introducing and integrating innovative video surveillance technologies into new security applications.

This award is bestowed upon the company that has pioneered and steered technological advances in its industry by providing cutting-edge products and concepts.



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REV 3.0

A NEW LEVEL OF PERFORMANCE
REV 3.0

