



VICON

2017 Product Selection Guide



Vicon Industries Celebrates its 50th Anniversary!

Vicon Industries is an experienced designer and manufacturer of video management software, high-performance megapixel IP cameras, video storage solutions and access control systems.

Vicon is raising security standards to offer you total freedom to choose from a suite of security products that allow you to customize your optimal security solution. Vicon's mission is to enable video to become the most valuable digital resource for our customers and partners business solutions. Whether it's video management software, IP cameras, access control or storage solutions, Vicon has you covered with unsurpassed flexibility to evolve and grow with your surveillance needs.

We are committed to delivering open and innovative video products and solutions while providing an unprecedented customer experience. Forward-thinking business solutions are optimized in concert with a team of technology visionaries, partners and customers.

VICON'S VIDEO SOLUTIONS HELP YOU:

- ✓ Monitor high performance video
- ✓ Simplify your security operations
- ✓ Gain fast access to incidents to respond more quickly
- ✓ Save money with cost-effective options

Why Vicon?

- ▶ Integrated video solutions deliver innovative technology
- ▶ Single point-of-contact for all your security needs
- ▶ Standards-based open platform design allows for easy integration
- ▶ Scalable security systems designed for tomorrow's growth
- ▶ Collaborative and innovative atmosphere
- ▶ Unrivaled support with technical help, in-depth training and custom solutions

Vicon's trusted products are installed around the globe in a variety of vertical markets.

For more information about Vicon, which is publicly traded on the New York Stock Exchange under the symbol "VII," please visit our website: www.vicon-security.com

VICON
VALERUS
Advanced Simplicity

Discover the Advanced Simplicity

Vicon's new VMS, Valerus™, is an easy-to-install and operate video solution built on true open standards for optimized interoperability. Its thin client architecture and central licensing offer ground breaking steps towards the future of security solutions. Based on years of experience in the security market and a look towards the future, Vicon's new platform supports today's conventional network systems and is ready for the expanding world of cloud computing. Valerus is a system you can invest in today and be confident it will be your solution in the future.

Benefits that Keep Growing!

SIMPLIFIES YOUR SECURITY OPERATIONS

- Reduce deployment time with central licensing
- Dashboard monitors system's health to quickly resolve issues
- Quickly access important, frequently used tools and resources



EASY FOR ANY USER

- Easy setup and configuration
- Easy to maintain
- Easy to operate



ULTIMATE IN FLEXIBILITY AND SCALABILITY

- Three-tier licensing levels and protection packages offer room to grow
- Web-based access from anywhere
- Standards-based compatibility allows you to design the perfect solution



INCREASED OPERATIONAL EFFICIENCY

- Single point of management and operation
- Separate modules safeguard against risk of interruption
- Grouped resources frees up monitor screen



HIGH PERFORMANCE VIDEO WITH HD RESOLUTION

- Unparalleled image quality
- Intelligently manages bandwidth and storage
- Reliable, uninterrupted video rendering



DISCOVER FORENSIC POSSIBILITIES

- Clean, versatile layout allows you to customize views
- Designed to support analytics
- Built with Cloud in mind



INTEGRATES WITH VICON'S VAX

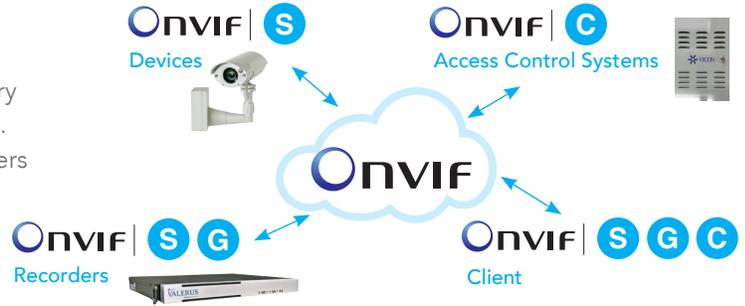
- Dedicated tab for easy access
- Map any camera
- Access anytime, anywhere





True Openness

Many companies claim they are "open" only to require "certification" of cameras and edge devices. Valerus is built on today's true open standards as defined by ONVIF, an industry common protocol adopted by most cameras and VMS systems. By eliminating the need for individual certifications, Valerus offers the comfort of real choice with third-party integrations.



Ultimate in Flexibility and Scalability

3 License Tiers

Choose what's right for you

FREE



- Up to 6 edge devices
- 5 concurrent clients
- Up to 7 max recording days
- Basic features



- Up to 35 edge devices
- 10 concurrent clients
- Unlimited recording days
- Standard features



- Unlimited edge devices
- Unlimited concurrent clients
- Unlimited recording days
- Advanced features

Free 30 day trial

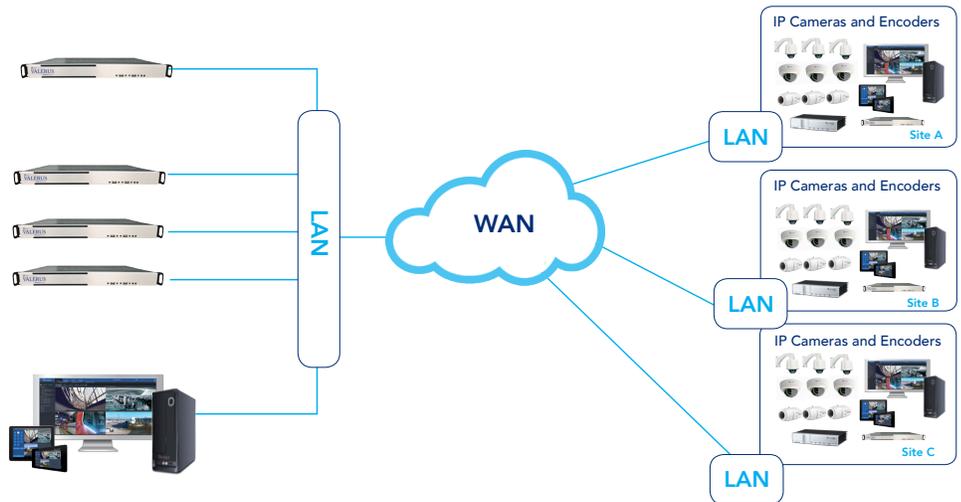
Three license tiers are designed to handle all types of security demands; this allows Valerus to meet your specific needs based on the requirements of your application and scale of your operation. The simple and cost-effective pricing model combined with an optional upgrade protection plan ensure long-term value.

Valerus offers a wide range of display options, from "surveillance in your pocket" to video access from any PC. Whatever combination of displays you choose, you can count on consistent, intuitive and responsive interfaces that keep you in control.

Design your Cost-Effective Solution

Available as software only or installed on factory approved hardware, the application server controls the entire system with a single license.

- Application Server
- Web Server
- Recording Servers (NVRs) as needed
- Web Clients
- Mobile Clients



Upgrade Protection Plan

Safeguard your surveillance investment

At Vicon we realize that selecting a security system marks the beginning of a long-term relationship. We know that it is important for you to feel confident in your choice for years to come, even when your security needs change over time. Vicon offers you a program to future proof your system - Vicon's Upgrade Protection Plan (UPP) ensures that you keep pace with our latest features and innovations.

Protection Features

- ▶ Profit from our aggressive roadmap of new features and updates
- ▶ Ensure your system continuously performs at peak efficiency
- ▶ Leverage advanced capabilities to take advantage of full return on your investment

Many new features are scheduled for release in 2017. Check www.vicon-security.com for details.



Video Management Software

Vicon's legacy, feature-rich video management software (VMS), ViconNet®, is a robust, scalable and exceptionally flexible solution that delivers complete access to live and recorded security video across your network. Supporting industry-standard compression and transmission formats, ViconNet displays and records clear, high-resolution video while minimizing bandwidth and storage requirements.



✦ Benefits and Features

- ▶ Analog DVR, NVR and Hybrid topologies
- ▶ Advanced Forensic Search Features
- ▶ Redundancy/Backup Security
- ▶ Integrates with Valerus, HDExpress
- ▶ Museum Search, Thumbnail Search and Maps
- ▶ Variety of Third-Party Integrations
- ▶ Events Management
- ▶ Ability to Authenticate Directly in Client
- ▶ Archive Wizard
- ▶ Video Clip Export
- ▶ Archive Player
- ▶ Easy Display of Alarm Dialog Box

JUMP

▶ **FREE**
▶ Up to 6 Cameras

ZONE

▶ 16-35 Cameras

PEAK

▶ **UNLIMITED**
Enterprise-Scale Systems

ViconNet Video Management Software, available as JUMP, ZONE or PEAK, offers customization and compatibility with a wide range of ONVIF-S compliant video, camera and computer hardware.

Smooth Migration Path from ViconNet to Valerus

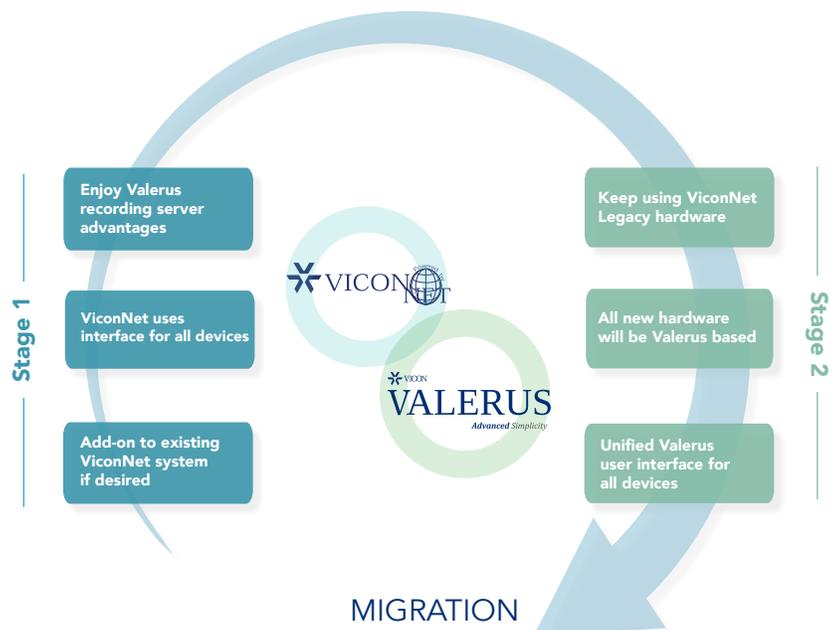
Vicon makes it easy to invest in ViconNet and transition to Valerus, as well as to help migrate our current customers over to Valerus when desired. The smooth migration stages offers several choices depending on your unique situation.

STAGE 1 – Running Side-by-Side

- Valerus will be supported as an add-on to ViconNet*
- Users can add Valerus to their current system while maintaining the ViconNet user interface
- Current ViconNet users can keep using it until they are ready to switch

STAGE 2 – Moving to Valerus VMS

- A gateway will bridge ViconNet to Valerus
- ViconNet hardware will not require an update
- Any new hardware will connect directly to Valerus
- New Valerus user interface will manage all devices



*Requires recommended ViconNet version.

VICON
VALERUS NEW Advanced Video Management Software

Advanced Simplicity



Mini-Server

Available as rack-mount unit or desktop unit

VICON
VALERUS
Advanced Simplicity

Servers

- ▶ Vicon certified hardware; includes Valerus software
- ▶ Same hardware used for application/ web server, recording server or all-in-one server
- ▶ Application/web server manages the system; provides tools to centrally manage system, run the web server and service web clients
- ▶ Recording servers communicate, stream and record video and audio from cameras/ encoders
- ▶ Mini recorder server supports up to 35 cameras; standard recording server supports up to 70 cameras



VICON
VALERUS
Advanced Simplicity

Shadow with RAID

- ▶ Preconfigured high-capacity recording server with Valerus software and internal RAID 5 or 6 storage
- ▶ Support for high-definition, megapixel and third-party cameras
- ▶ Available in many storage options up to 152 TB
- ▶ Internal RAID 8-bay or 24-bay hot-swappable drives
- ▶ Supports up to 100 cameras



VICON
VALERUS
Advanced Simplicity

Client Viewing Station

- ▶ Vicon certified hardware
- ▶ Optimized to run Valerus in web browser
- ▶ Easy access to required screens
- ▶ Available with two monitor and four monitor outputs

Available as rack-mount unit or desktop unit



VICON
VALERUS
Advanced Simplicity

Mobile App

- ▶ Designed to run on Apple and Android™ smartphones and tablets
- ▶ Access via Wi-Fi, 3G or 4G connections
- ▶ Allows to securely connect to Valerus systems using SSL
- ▶ View live or recorded video from any device on the system
- ▶ View concurrent multiple video streams: four video streams on smartphones and up to nine on tablets
- ▶ Use touch, drag and pinch-to-zoom motions to control the interface

ViconNet Network Video Recorders



ZONE/PEAK NVR

- ▶ Advanced all-in-one solution with high-capacity storage providing increased channel density on a single PEAK NVR
- ▶ Ability to view, control and configure every ViconNet DVR and IP device on the network
- ▶ Supports system integration with access control and video analytics
- ▶ Supports HD, megapixel and third-party cameras
- ▶ Extended storage options and RAID compatibility

Available as rack-mount unit or desktop unit



JUMP NVR

- ▶ FREE, preconfigured NVR running ViconNet software
- ▶ Support for 6 high-definition, megapixel and third-party cameras with no licensing fee
- ▶ M-JPEG, MPEG-4 and H.264 compression
- ▶ Easy online FREE self-registration
- ▶ Supports integration with access control and video analytics
- ▶ Can easily connect as a distributed site within larger ViconNet surveillance system (a registered ViconNet Nucleus must be used)



NVR Shadow with RAID

- ▶ Preconfigured high-capacity NVR with internal RAID 5 or 6 storage running ViconNet software
- ▶ Support for high-definition, megapixel and third-party cameras
- ▶ Available in many storage options up to 152 TB
- ▶ M-JPEG, MPEG-4 and H.264 compression
- ▶ Multi-language application
- ▶ Internal RAID 8-bay or 24-bay hot-swappable drives
- ▶ Supports system integration with access control and video analytics



Nucleus

- ▶ Dedicated server preconfigured with ViconNet software
- ▶ Centralized management of all system components
- ▶ Provides open platform to allow integration with cameras, encoders, and edge devices
- ▶ ViconNet safeguards allow operation of systems when Nucleus is disconnected
- ▶ Recommended for ViconNet networks with more than five NVRs or DVRs

Available as software only, rack-mount or desktop unit



Virtual Matrix Controller

- ▶ Scalable matrix control solution used to create large multiple monitor displays
- ▶ Maximum of 150 video streams for each VMDC, regardless of monitor segmentations
- ▶ Compatible with IP keypads and programmable logic controllers (PLC)
- ▶ Connect up to six monitors to each unit and add more units for multiple mon

Available as rack-mount unit or desktop unit



Mobile

- ▶ Designed to run on Apple and Android™ smartphones and tablets
- ▶ Access via Wi-Fi, 3G or 4G connections
- ▶ Allows to securely connect to ViconNet systems using SSL
- ▶ View live or recorded video from any device on the system
- ▶ View concurrent multiple video streams: four video streams on smartphones and up to nine on tablets
- ▶ Use touch, drag and pinch-to-zoom motions to control the interface



Web Server

- ▶ Provides single point-of-access to all cameras and recorders in an enterprise class system using the browser interface
- ▶ Enhances system ability to support simultaneous users
- ▶ Preconfigured with ViconNet Webserver software
- ▶ Browser-based interface for live viewing and playback
- ▶ Compatible with Internet Explorer, Firefox, Chrome and Safari

Available as software only or rack-mount PC



ViconNet Workstation

- ▶ Remote operator workstation preconfigured PC with ViconNet software
- ▶ Ability to view, control and configure every ViconNet DVR and IP device on the network
- ▶ Provides full capabilities for managers and administrators to control operations such as exporting video data
- ▶ Compatible with external SAN-RAID using an iSCSI network connection for recording capability

Available as rack-mount unit or desktop unit

Kollector Hybrid DVRs

Storage

Keypad



KOLLECTOR
FORCE

Kollector Force

- ▶ Ideal solution for analog-to-IP transitions offering capability to extend recording time well beyond internal storage
- ▶ Preconfigured with ViconNet software
- ▶ Real-time hybrid recording of up to 16 analog cameras and up to 8 additional IP cameras
- ▶ 16 microphone ports, 16 analog video outputs and 4 monitor outputs
- ▶ Removable hard drive options ensure ease of maintenance



KOLLECTOR
STRIKE

Kollector Strike

- ▶ A hybrid solution ideal for analog-to-IP transitions and high-capacity internal storage for extensive total recording time
- ▶ Preconfigured with ViconNet software
- ▶ Two models offered: removable hard drive model and basic model with internal hard drives
- ▶ Real-time hybrid recording of up to 16 analog cameras and up to 8 additional IP cameras
- ▶ Embedded Windows operating system for enhanced security and reliability



VN-SAN RAID

- ▶ Enterprise-class, iSCSI storage devices located locally or remotely via network connection
- ▶ Scalable storage units with 18 or 48 drive bays
- ▶ Up to 81TB usable RAID 5 and 6 storage
- ▶ Ideal solution for primary or backup storage
- ▶ Supports multiple ViconNet DVRs or NVRs
- ▶ Hot-swap failed drives in an instant with no data loss



VN-KEYPAD

- ▶ Compatible with ViconNet control systems, including VMDC
- ▶ Connection via USB as a serial device
- ▶ 3 function proportional joystick for pan, tilt and zoom
- ▶ Jog/Shuttle for playback
- ▶ Backlit rubber keys
- ▶ Adaptable for both right- and left-handed operators



Edge Devices

Whether your installation uses analog or IP network cameras, encoders and decoders ensure camera input is compatible with a ViconNet-based surveillance system.



H264-16CH-ENCDR

- ▶ 16 channel encoder
- ▶ Dual streaming video
- ▶ Up to 480 fps
- ▶ Dual network ports for redundancy
- ▶ Power-over-Ethernet (PoE or high power PoE) or 24 VAC
- ▶ Supports museum search functionality for all cameras
- ▶ 8 dry contact alarm inputs and relay control outputs
- ▶ 16 audio inputs
- ▶ Fits in standard 19-inch rack



VN-901T

- ▶ Single analog camera video input; 1 looping output
- ▶ Ideal solution for creating hybrid analog/IP systems
- ▶ H.264, MPEG-4 and M-JPEG compression
- ▶ Supports dual streaming
- ▶ Full support of NTSC/EIA and PAL/CCIR video cameras
- ▶ Auto sensing NTSC/PAL
- ▶ PoE or 12 VDC/24 VAC
- ▶ ONVIF compliant

MOBILE APPS

Mobile Apps are a simple and time saving way of utilizing Valerus and ViconNet software.



HExpress NVR / Express DVR Plug-and-Play Devices

A simple and cost-effective, plug-and-play surveillance solution for analog and IP systems

Express DVR

HExpress NVR



PoE Ports for Network Cameras



HDMI / VGA Monitor



External Storage Expansion eSATA



Remote Network Connections

1 CONNECT

2 POWER UP

3 DONE

IT'S THAT EASY!

Visit Vicon's **New Website** for a YouTube video demonstration!
www.vicon-security.com



HExpress NVRs

- ▶ No networking, programming or add'l hardware necessary
- ▶ 4, 8 and 16-channel models
- ▶ Variety of storage options up to 15TB
- ▶ Provides real-time display of 1080p IP network cameras (480 fps max)
- ▶ Built-in Power-over-Ethernet (IEEE 802.3af) switch
- ▶ Built-in self-diagnosis tools with auto alarms
- ▶ Intelligent analytics will improve operational efficiency
- ▶ Integrates seamlessly with larger ViconNet systems



Express DVRs

- ▶ No networking, programming or add'l hardware necessary
- ▶ 8 and 16-channel models
- ▶ Designed for high definition analog camera inputs
- ▶ 1080p real-time recording; supports HD analog video
- ▶ Built-in self-diagnosis tools with auto alarms
- ▶ Onscreen graphical user interface for local control
- ▶ Integrates seamlessly with larger ViconNet systems
- ▶ Version available for use as an encoder



Maximum Security with Total Flexibility

Vicon Access Control (VAX) is a unique access control system that maximizes your administrative efficiency and streamlines operations. VAX is designed for simplicity in installation, maintenance, scalability and usability.

Our distinctive controllers are designed for a variety of locations. The unique door controllers can be installed in typical locations, such as electrical boxes, or in a unique over-the-door mount. The elevator controllers and I/O controllers are typically installed in a metal housing. In addition, Vicon's VAX controllers are the only access controls on the market with a patent-pending integrated "request to exit" built right into the panel.

The web-based software and user interface are intuitive and seamlessly integrate with both Valerus and ViconNet video management system (VMS) to ensure ultimate ease-of-use and flexibility.

Highly Scalable, Unlimited Expandability



- 1 VAX Access Control Servers connect to Valerus and ViconNet software to create one truly powerful building security system.



- 2 Vicon offers a variety of controller devices to secure entrances and exits in one simple system.



- 3 Manage unlimited sites across multiple time zones using VAX multiscreens.



- 4 Choose from an assortment of readers, transmitters and cards to create a versatile access solution.



- 5 User friendly, flexible with the capability of online mobile access. Administer your access control system from any browser-enabled device.

VAX Software

- ▶ Smart and responsive web-based software
- ▶ Absolute control to manage your facility from any device
- ▶ Integrated video from ViconNet 8 VMS
- ▶ Fully distributed architecture
- ▶ Flexible license options
- ▶ 256 schedules (*holidays and others*)



VAX-600KP Proximity Reader

- ▶ 125 kHz proximity reader and keypad
- ▶ Interfaces with VAX via Wiegand communications protocol
- ▶ Designed to be mounted to standard single gang box wall switch; available in black or beige



VAX Servers

- ▶ Certified and preloaded with VAX software
- ▶ Configured with the customer's VAX software license
- ▶ Desk-top or rack-mount models



VAX-LRR2 Long-Range Receiver

- ▶ 100 ft (30.5 m) long-range receiver
- ▶ Interfaces with VAX system via Wiegand communications protocol
- ▶ Output transmitter data over two separate Wiegand outputs to a proximity reader



VAX Door Controllers

- ▶ Unique optional over-the-door design with built-in 'Request to Exit' passive infrared (PIR) sensor
- ▶ 2, 4, 6, 8-controller packages aid in centrally installed systems
- ▶ One- and two-door models
- ▶ Powered by PoE, including door hardware
- ▶ Built-in diagnostics interface
- ▶ Compatible with standard reader hardware



VAX-LRR4 Long-Range Receiver

- ▶ 200 ft (61 ft) long-range receiver
- ▶ Interfaces with VAX via Wiegand communications protocol
- ▶ Output transmitter data over four separate Wiegand outputs to a proximity reader



VAX Elevator Controllers

- ▶ Elevator master controller
- ▶ Controls up to 8 floors
- ▶ Expandable up to 64 floors
- ▶ Powered by PoE



VAX-LRT2 and VAX-LRT4 Long-Range Transmitters

- ▶ Two- and four-button long-range transmitters
- ▶ Works with VAX-LRR2 and VAX-LRR4 long-range receivers
- ▶ Supports VAX proximity reader technology



VAX I/O Controllers

- ▶ Input/output master controller
- ▶ Controls up to 8 inputs/outputs
- ▶ Expandable up to 64 I/Os
- ▶ Powered by PoE



VAX-CRD-SD Proximity Card

- ▶ 125 kHz proximity card
- ▶ Interfaces with VAX via Wiegand communications protocol
- ▶ Clamshell card



VAX-300R Proximity Reader

- ▶ 125 kHz proximity reader
- ▶ Interfaces with VAX via Wiegand communications protocol
- ▶ Designed to be mounted to metal door and window frames (mullion); available in black or beige



VAX-CRD-MT Proximity Card

- ▶ 125 kHz proximity card
- ▶ Interfaces with VAX via Wiegand communications protocol
- ▶ ISO style; technology for dye sublimation imaging



VAX-500R Proximity Reader

- ▶ 125 kHz proximity reader
- ▶ Interfaces with VAX via Wiegand communications protocol
- ▶ Designed to be mounted to standard single gang box wall switch; available in black or beige



VAX-PRX-TAG Proximity Fob

- ▶ 125 kHz small proximity tag
- ▶ Designed to be carried on a key ring
- ▶ Interfaces with VAX via Wiegand communications protocol





Network Cameras

Network cameras enable high-resolution video to be viewed via network or the Internet. Vicon offers a variety of network cameras designed for indoor, outdoor and specialized use.



9 Series

- ▶ Resolutions up to 5MP
- ▶ H.264 Main profile + MJPEG compression
- ▶ Choice of varifocal lens or no lens (*customer supplied CS-mount lens*)
- ▶ On camera storage (Micro SD)
- ▶ Two way audio
- ▶ WDR on 1 and 2MP (100 dB)
- ▶ Supports embedded analytics
- ▶ ONVIF and PSIA compliant



Sentinel Series

- ▶ Resolutions up to 12MP
- ▶ Remote back focus
- ▶ Integrated back box reduces installation and maintenance costs
- ▶ Choice of lens options
- ▶ WDR on 1, 2, 3MP models
- ▶ All weather outdoor IP66
- ▶ True day/night moveable IR filter
- ▶ PoE, 12-24 VDC, 24 VAC
- ▶ Supports embedded analytics
- ▶ ONVIF and PSIA compliant



Alliance-mx

- ▶ Resolutions up to 5MP
- ▶ H.264 Main profile + MJPEG compression
- ▶ WDR on select models
- ▶ On-camera storage (Micro SDHC)
- ▶ 2-way audio on selected models
- ▶ Power-over-Ethernet
- ▶ Indoor/outdoor IP66
- ▶ Built-in IR on select models
- ▶ Supports embedded analytics
- ▶ ONVIF and PSIA compliant



Alliance-mini

- ▶ Resolutions up to 5MP
- ▶ H264 Main profile + MJPEG compression
- ▶ Variety of lens choices
- ▶ Models with enhanced features - audio, I/O relay, analog out, real time clock
- ▶ On camera storage (Micro SD)
- ▶ Two way audio, built-in microphone on select models
- ▶ WDR on 1 and 2MP (100 dB)
- ▶ Supports embedded analytics
- ▶ ONVIF and PSIA compliant

PTZ Cameras Offer Integrated Positioning for a Wide Variety of Environments

PTZ Cameras



Surveyor MKII

- ▶ 1080p (2MP)
- ▶ Outdoor, impact-resistant and pressurized models
- ▶ 30x optical zoom
- ▶ WDR
- ▶ Electronic image stabilization
- ▶ Tours and presets
- ▶ ONVIF compliant



Explosionproof

- ▶ Integral camera
- ▶ HD 1080p or 36x analog camera
- ▶ PTZ or fixed models
- ▶ AISI 316L electropolished stainless steel
- ▶ Integrated wiper
- ▶ Meets numerous certifications for harsh environments
- ▶ ONVIF compliant



Cruiser SN663V Dome

- ▶ 1080p (1920x1080)
- ▶ Day/night
- ▶ True WDR (120dB)
- ▶ 20x optical/16x digital zoom
- ▶ Outdoor IP66
- ▶ ONVIF compliant



SN680D Rugged Dome

- ▶ 1080p resolution
- ▶ True WDR (120dB); day/night
- ▶ 30x optical/16x digital zoom lens
- ▶ IR LED range up to 1312 ft/400 m
- ▶ Outdoor; IP66
- ▶ ONVIF compliant



Network Cameras

Fixed Dome



ROUGHNECK

V920D-A Series

- ▶ 1080p (2MP) resolution
- ▶ True day/night
- ▶ 3-9mm Lens
- ▶ Motorized lens models
- ▶ True WDR (120 dB); IR
- ▶ On camera storage (uSD)
- ▶ Indoor/outdoor; IP66; includes heater
- ▶ IK10 impact rating
- ▶ ONVIF compliant

Cost-Effective



VICON

CE102B

- ▶ 1080p resolution
- ▶ H.264 high-profile, MPEG-4 and M-JPEG compression
- ▶ Built-in IR LEDs
- ▶ True day/night camera with fixed 3.7mm lens
- ▶ Triple streaming video
- ▶ IP 67
- ▶ ONVIF compliant



VICON

CE202D-N/ CE202D-WN

- ▶ 1080p resolution
- ▶ Day/night camera with fixed 3.7mm lens
- ▶ H.264 high-profile, MPEG-4 and M-JPEG compression
- ▶ Remote directional positioning (CE202D-WN-outdoor model)
- ▶ Triple streaming video
- ▶ IP65
- ▶ ONVIF compliant



VICON

CE102D

- ▶ 1080p resolution
- ▶ H.264 high-profile, MPEG-4 and M-JPEG compression
- ▶ Built-in IR LEDs
- ▶ True day/night camera with fixed 3.7mm lens
- ▶ Triple streaming video
- ▶ ONVIF compliant

Specialty Cameras are Designed for Unique Situations

Specialty Cameras



ROUGHNECK

V920B-A series

- ▶ 720p (1.3 MP), 1080p (2MP) resolution models
- ▶ True day/night camera with built-in varifocal lens and IR illuminators
- ▶ True WDR (120db)
- ▶ 3x On camera storage (uSD)
- ▶ PoE or 12 VDC
- ▶ ONVIF compliant



ROUGHNECK

V-CELL-HD

- ▶ High-security 1080p resolution
- ▶ Ideal for custodial suites and prisons
- ▶ Integrated housing, camera, lens and IR illuminators
- ▶ Rugged housing with flat design
- ▶ Day/night with 2.6mm fixed lens
- ▶ IK10 impact rating
- ▶ H264 MPEG-4 and M-JPEG compression
- ▶ ONVIF compliant



VICON

V9360-1

- ▶ 6MP (3072 x 2048)
- ▶ Indoor and outdoor models
- ▶ Day/night with mechanical infrared (IR) cut filter
- ▶ 180°/360° panorama at full high definition (HD) resolution
- ▶ True WDR (120 dB)
- ▶ Selectable H.264 and M-JPEG compressions with dual streaming



VICON

V9360W-E

- ▶ 6MP progressive scan CMOS sensor
- ▶ Daylight 180°/360° panorama view with dewarped streaming
- ▶ Built-in fixed 1.3mm megapixel fisheye lens
- ▶ Audio in/out connections
- ▶ Motion detection
- ▶ Powered by PoE; 12 VDC
- ▶ Outdoor weatherproof IP68; vandalproof IK10



Analog Cameras

Analog cameras transmit video through an analog signal. Vicon offers a variety of indoor, outdoor and specialized analog cameras.



SurveyorVFT Series

- ▶ 540 TVL lines
- ▶ Outdoor, impact-resistant and pressurized dome housing
- ▶ 36x high resolution day/night camera
- ▶ 360° continuous pan
- ▶ Wide dynamic range (WDR)
- ▶ Digital noise reduction (DNR)
- ▶ NTSC and PAL models



V661V-1 Series

- ▶ 700 TV lines
- ▶ Vandalproof dome
- ▶ 2.8-12mm
- ▶ Day/night and IR illumination models available
- ▶ 3D digital noise reduction (DNR) on IR model
- ▶ Wall or ceiling mounting
- ▶ Outdoor IP66 rated
- ▶ NTSC and PAL models



V662V-2 Series

- ▶ 750 TV lines
- ▶ Built-in video analytics
- ▶ 3D digital noise reduction (DNR)
- ▶ On-screen menus with innovative joystick control make setup and operation easy
- ▶ Privacy masking
- ▶ Wall or ceiling mounting
- ▶ Outdoor IP66 rated; IK10 vandalproof
- ▶ NTSC and PAL models



V661D-1 Series

- ▶ 700/750 TV lines
- ▶ Indoor/outdoor
- ▶ Day/night; WDR and IR models
- ▶ Privacy masking
- ▶ 2.8-12mm lens
- ▶ IP66 rated; IK10 rated
- ▶ NTSC and PAL models

Our Cameras Can be Integrated with Most Leading NVR and VMS Platforms



V660B IR Series

- ▶ 700 TV lines
- ▶ Day/night; IR; WDR
- ▶ 2.8-12mm or 5-50mm varifocal lens
- ▶ Noise reduction
- ▶ Privacy masking
- ▶ NTSC and PAL models



(Lens not included)



V661-N-1/V662-D-2

- ▶ 700 TV lines/750 TV lines
- ▶ Day/night (ICR) capability with digital WDR/WDR
- ▶ Outstanding low-light performance
- ▶ 2D/#D Digital Noise Reduction (DNR)
- ▶ On-screen menus with innovative joystick control make setup and operation easy
- ▶ NTSC and PAL models



Calculator Tools

Design installations more efficiently using the online calculator tools that make it easier to determine specifications for storage, bandwidth and camera settings.

Design Tools Available Include:

- ▶ Valerus and ViconNet bandwidth storage calculators
- ▶ HDExpress calculator
- ▶ Resolution and frame rate sample video clips
- ▶ IQeye frames-per-second calculator
- ▶ IQeye pixels-per-foot calculator
- ▶ IQeye image calculator
- ▶ IQeye storage calculator
- ▶ *and more*

Visit www.vicon-security.com to download.

Vicon Analytics

Vicon Basic Edge-Based Analytics

Vicon's suite of license-free basic edge-based Analytics intelligently detects exception conditions or threats in real time, allowing security personnel to respond in a timely manner.

With video analytics embedded in the IQeye family of Vicon cameras that seamlessly integrates into Valerus and ViconNet video management software (VMS), video surveillance is no longer a passive tool, but an effective, proactive detection system.

Applications:

- ▶ Border control and perimeter protection
- ▶ Airports, ports, trains, subway stations, maritime and government institutions
- ▶ Critical infrastructure
- ▶ Landmarks, bridges, parks, monuments
- ▶ Enterprise and commercial security
- ▶ Retail stores
- ▶ Entertainment, casinos and gaming



Benefits:

- ▶ Three license-free Analytics' behaviors embedded on IQeye cameras integrate with ViconNet 8.1 and Valerus for hassle free deployment in minutes
- ▶ Comprehensive 24/7/365 coverage
- ▶ Detects exception conditions or threats in real-time, allowing security personnel to respond quickly
- ▶ Reduces unwanted false alarms by filtering out triggers from lighting changes and non-human movements, such as those made by animals and trees
- ▶ Deter criminals and law breakers by proactively detecting abnormal situations
- ▶ Increases productivity and efficiency of security personnel by indicating objects of interest

IQaccess - Intelligent Software

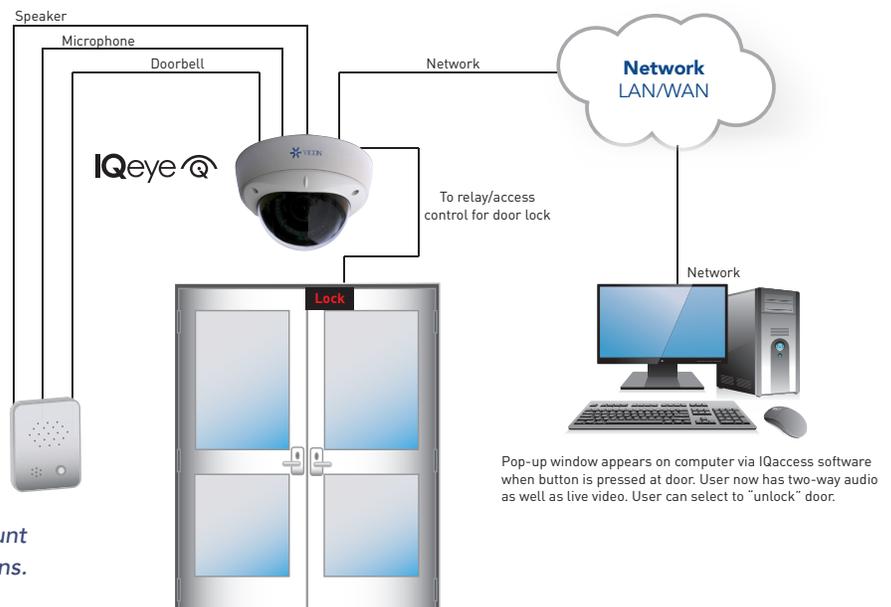
On-camera intelligent software makes it easy to know when someone arrives at the door

With a video intercom you can not only hear that someone is at the door, but check who they are to confirm if they should be allowed in. Whenever IQaccess is triggered, a video alert window pops up in every IQaccess enabled Windows® PC and lets the responder perform an action such as: open a door, activate an alarm, turn on lights or control any other device you have connected to your IQeye camera's relay output.

Product Features

- ▶ Field upgradeable
- ▶ Up to 8 local or remote users
- ▶ Free downloadable client software and free camera application license
- ▶ Two-way audio
- ▶ After hours scheduling
- ▶ Password protected
- ▶ Triggered by external device (contact closure) or on-camera motion detection

Compatible with IQACCESS-INT wall mount intercom box for audio/camera installations.





IQzip

Reduce Bandwidth & Increase Storage

IQzip



IQzip analyzes the video stream in real time and reduces the bit rate by 50% on average. All the important details and motion information are preserved with the same quality standards. This is done by combining two technologies, dynamic ROI (Region of Interest) and dynamic GOP (Group of Pictures). The dynamic ROI analyzes the video to identify the areas of greatest interest and compresses these less than areas of lesser interest; the dynamic GOP reduces the number of storage consuming I-frames during periods of little motion.



With IQzip

Without IQzip

Vicon Accessories

Vicon offers a variety of accessories to ensure more efficient installation and maintenance.



Monitors

- ▶ 18.5, 21.5, 23, 32 and 42-inch models
- ▶ Convenient front panel and OSD controls
- ▶ HDMI and DVI inputs
- ▶ Resolution up to 1920 x 1080
- ▶ Desk or wall (VESA) mounting; rack-mount option



Transmission/ Surge Protection

- ▶ Fiber-optic media converters for range extension of IP networks
- ▶ Fiber-optic and twisted-pair transmission systems for video/data
- ▶ Use at camera site or individual NVR/power supply feed
- ▶ RJ-45 connection protects all four video/data pairs
- ▶ Automatically resets to protect against multiple surges



8-channel network switch



24-channel network switch

Network Switches

- ▶ 8 channel customized operation using intuitive web interface
- ▶ LAN connections with PoE+
- ▶ 24 channel network switch; LAN connections with PoE
- ▶ Maximum power 180W; up to 15.4W max. per port



PoE Backup UPS

- ▶ PoE input
- ▶ Eliminates data loss upon power or connection failure
- ▶ Backup up to 1 hour
- ▶ Connect inline to any PoE edge device
- ▶ No setup required



Camera Accessories

- ▶ Extensive selection of indoor and outdoor mounting hardware
- ▶ Varifocal lenses, including IR and megapixel
- ▶ Power supplies



Additional Services

A&E Support Services

Vicon makes it easy for architects, engineers and consultants who design and specify IP surveillance systems. Our A&E program provides user-friendly specifications, as well as helpful design tools and documentation to make designing your project easier and more efficient.

Training Classes

Vicon offers monthly VMS and VAX training classes domestically and internationally. There are also online tutorials and a number of calculator tools that make it easy to determine specifications for storage, bandwidth and camera settings.

Professional Services Provide Peace of Mind

With our professional services, new solutions require less time and cost to implement, communication is streamlined, and access to service and resources is easier:

Factory Direct System Pre-Configuration

All system components, including pre-registration of software licenses, are pre-configured.

On-Site Training

Customized, hands-on training.

Field Services and Project Engineering

Single point-of-contact engineers work onsite and provide on-going communication.

Where to Buy

Americas and Canada

Vicon Industries – Corporate Headquarters
USA

Tel: +1 (631) 952-2288

Toll-free sales: +1 (800) 645-9116

Toll-free technical support:

+1 (800) 348 4266/34 VICON

Fax: +1 (631) 951-2288

Europe

Tel: +44 1489 566300

Fax: +44 1489 566322

Sales: +44 1489 566310

Technical support: +44 1489 566330

Latin America

Tel: +1 (631) 952-2288, Ext. 435

Tel: +52 55 8525 4402

Middle East

Direct: +971 (0) 4 2784716

Reception: +971 (0) 4 2784700

Fax: +971 (0) 4 2784730

Asia-Pacific

Asia-Pacific, including Australia
and New Zealand

Mobile: +65 9852 4515

Africa

Western Africa

Tel: +1 (631) 952-2288, Ext. 435

**For customers in the rest of Africa,
please contact our EMEA headquarters:**

Tel: +44 1489 566300

Fax: +44 1489 566322

Sales: +44 1489 566310

Technical Support: +44 1489 566330

