



SECURITY

End-to-end security solutions
for proactive responses.



Vicon's integrated product strategy means having innovative products at every layer of the security solutions stack — and within each layer — engineering them to work together seamlessly. With Vicon's high-performance security products that stand alone or work together, you can get the best fit for any organization. We focus on industry-specific business models and examine common pain points to develop comprehensive security solutions. We help hundreds of organizations from diverse industries, including corrections, education, government, law enforcement, commercial, healthcare, transportation and utilities, across the world, to monitor their premises and enhance safety.

Vicon's trusted products and solutions are installed around the globe in over 40,000 companies in a variety of vertical markets.

For more information about Vicon, visit our website: vicon-security.com

For your surveillance needs...choose Vicon.



VALERUS

Reliable. Proactive. Intuitive.

Valerius is a full-featured video management system engineered to streamline every aspect of your security operation. It's loaded with powerful features to improve response times, expedite forensic searches and reduce ongoing maintenance costs. With its deep integration with VAX Access Control, Valerius delivers a complete security solution for nearly every industry.

KEY BENEFITS



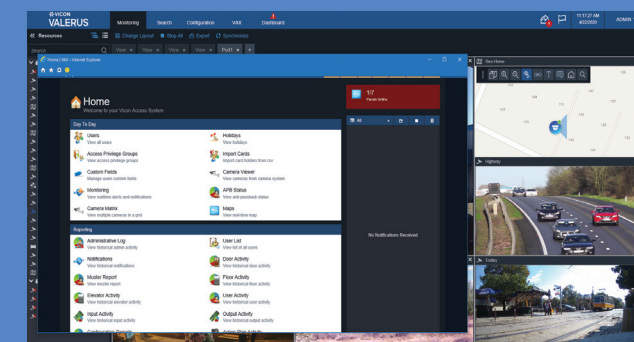
Intelligent Surveillance

Reduce response times and expedite forensic investigations with **powerful advanced search options**. The system is completely configurable to respond to a variety of inputs, events and alarms, so critical events don't go unnoticed.



IT Made Easy

Valerius is a **centralized platform**, providing solutions for easy control of all the system's software. With our **auto-discovery tools**, **system health dashboard**, and **global programming options**, setup and maintenance take a fraction of the time.



Suitable for Any Skill Level

Valerius' intuitive design overcomes the high demand for **training** and **internal technical support** when integrating a new system, allowing you to focus your resources on what's important. When integrated with **VAX Access Control**, the result is a complete security solution that allows you to visually verify access control events.



Forget Surprise Fees

There are **no ongoing support fees** or **recurring costs**. Our centralized licensing and Upgrade Protection Plan make pricing simple to keep your costs upfront. Combined with our powerful tools to streamline IT and bandwidth reduction capabilities, Valerius' low cost of ownership is unmatched.



Today's security challenges can be difficult & complicated.
Your VMS doesn't have to be.

See how our customers have simplified their
security and surveillance needs.

Key Features

Valerus provides an intuitive user interface and robust feature set that customers demand. Below you will find an overview of some key features that Valerus delivers.



Customer Success Stories

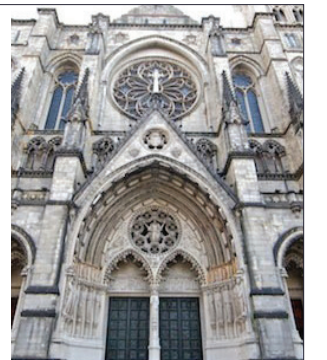
Education Hemet Public School District

"We chose Vicor's Valerus VMS because it is a simple and intuitive system that perfectly met our needs."
~ Director of Security



Religious Institutions Cathedral of St. John the Divine

"One of the nice things about Valerus is that being a thin client, the interface remains the same. There are no limits to features or different ways to navigate if you're using a mobile device or connecting remotely."
~ Security Director



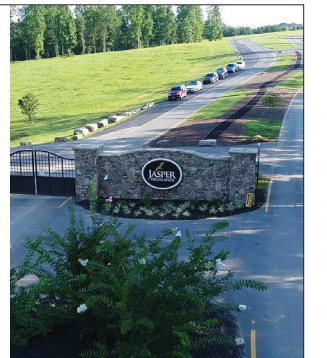
Healthcare Major Health Partners

"Valerus licensing was less expensive than all the other VMS systems. Centralized management, remote access and a customizable user interface help our team use the system to its maximum potential."
~ VP of Facility Operations



Property Management Jasper Highlands Community

"The Valerus system provides our management team with an overall level of awareness that would be impossible otherwise."
~ Chairman/CEO



Safe Cities City of Sinaloa, Mexico

"The Valerus thin client provides tremendous value; using a traditional thick-client solution, the cost and hassle of maintaining current software on all monitoring stations is prohibitively expensive."
~ Secretary of Innovation



Small Businesses Play Dog eXcellent

"The Valerus system features a very easy to use interface that doesn't require a lot of technical experience which allows us to do what we need to do."
~ PDX Managing Partner





Valerus delivers features for sophisticated live monitoring, centralized management and high-performance video recording.

Valerus VMS Features / License Tiers

Mapping

Create detailed maps and overlay camera and other resource icons directly on to the exact location. Live and playback video can be viewed directly from the map icon.

Database/Query

All events, both internal and external, that occur in Valerus are stored in a database. These can then be easily accessed using the query tool that will pull information from the database.

Bookmarking

Users can create a specific bookmark related to a video feed, which will be accessible from the playback screen and searchable using the query tool.

User Enhancements

A robust dashboard notifies users of system errors, breaches in security and more. New access list management allows defining which computers can and cannot connect. Integration with Vicon's VAX Access Control to add and control VAX doors on Valerus maps, as well as receive alarms.

Valerus is available in 3 tiers, each created to meet individual business' needs.

CORE

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

A no-cost tier for trial systems and fully functional demos is available (TRY version).

PRO

- Unlimited edge devices
- Unlimited concurrent clients
- Unlimited max recording days
- Standard features
- Museum Search
- Interactive maps
- 3rd party integrations
- Limited Alarms Management features

ENTERPRISE

- Unlimited edge devices
- Unlimited concurrent clients
- Unlimited max recording days
- Advanced features
- Museum Search
- Interactive maps
- 3rd party integrations
- Recording server failover
- Active Directory integration
- Full Alarms Management capability

Valerus Product Details



Available as mini, rack-mount or desktop unit



Available as rack-mount or desktop unit



Application / Recording 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

Shadow Servers with Internal RAID

- Preconfigured high-capacity recording server with Valerus software and internal RAID 5 or RAID 6 storage
- Support for high-definition, megapixel and third-party cameras
- Available in 1U (4 bay), 2U (8/12 bay) and 4U (24 bay) versions
- Available in many storage options up to 262 TB
- Internal RAID with hot-swappable drives
- Supports up to 100 cameras

Client Viewing Station

- Vicon certified hardware
- Optimized to run Valerus in web browser
- Easy access to required screens
- Available with two and four monitor outputs
- Supports 4K resolution

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 HTTPS
- 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

Valerus Edge Devices

Whether your installation uses analog or IP network cameras, using an encoder ensures camera input is compatible with a Valerus surveillance system.



VN-KEYPAD

- Compatible with Valerus/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



VLR-ENC-16

- 16-channel encoder
- Supports AHD, TVI, and up to 960H resolution
- Supports dual streaming
- H.264 compression
- 4 alarm inputs; 1 alarm output
- Compatible with Valerus VMS

VAX

ACCESS CONTROL TECHNOLOGY

VAX access control technology is the cutting-edge physical security solution to secure, control and audit assets.



Vicon's powerful VAX Access Control solution, designed for ease-of-use and flexibility, combines intuitive user interface software with versatile hardware, delivering absolute control and real-time views from any web-browser device. It is a solid foundation of any comprehensive security solution, delivering a highly secured security operation.

Why Choose VAX?

Vicon simplifies the Access Control experience with a highly secure, centralized solution that's easy to install, operate, maintain and expand.



Straightforward Software

VAX delivers a smart, responsive software solution that is incredibly easy and intuitive to use. It provides centralized monitoring and management of access to doors, elevators and other protected spaces located throughout facilities of any size, including multi-site installations.

Flexible Hardware Options

Vicon offers access control components for a seamlessly integrated video surveillance system. This includes a wide variety of Door and Elevator controllers, proximity, smartcard and contactless readers and multiple types of credentials, including smartphones, that fit any installation.

Biometric Kiosk

Move your access control system into the future. Vicon now delivers powerful biometric facial recognition, providing improved safety and precise dual authentication.



Product Highlights

- Can be used as a standalone device or with other card access platforms
- Facial recognition with Wiegand credentials
 - 99% face recognition rate and 0.2 second recognition time
 - Can store up to 30,000 contacts and 60,000 snapshots
- Also measures for potentially elevated temperatures and no mask detection
- Reads one target at a time and is intended for low-traffic entrances
- NDAA-compliant



VAX Products

VAX Products	Description Details
Software	
	VAX SOFTWARE Smart and responsive web-based software. Vicon integration with Valerus VMS and multiple other VMS platforms. Fully distributed architecture. Highly customizable including API calls to other systems using powerful Action Plan feature. Absolute control to manage your facility from any device. 256 schedules (holidays and others). 40, 80, 120, 240 or unlimited door licenses. 1 or 5 year license.
Servers	
	VAX-PC-A/VAX-PC-A-RK High performance Windows 10 servers certified and preloaded with VAX software. Configured with the customer's VAX software license. Desktop or rack-mount models.
Door Controllers	
	VAX-1D-1, VAX-1D-REX-1, VAX-2D-1, VAX-2D-REX-1 Unique optional over-the-door design with built-in "Request to Exit." Passive infrared (PIR) sensor. One and two-door models. Built-in diagnostics interface. Compatible with standard reader hardware. Powered by PoE.
	VAX-MDK Door controllers are available in 2, 4, 6, and 8-door models. They are mounted in a steel vented and lockable enclosure. Powered by 12-13.5VDC, 1.5-5A.
	VAX-TROVE Door controllers are available in 2, 4, 6, 8, 10, 12, 14 and 16-door models. They are mounted in a stainless steel Altronix Trove enclosure with a built-in eFlow power supply.
Elevator / IO Controllers	
	VAX-ELV-STR-1 ELEVATOR CONTROLLER Elevator master controller. Controls up to 8 floors. Expandable up to 64 floors. Powered by PoE. VAX-IO-STR-2 I/O CONTROLLER Input/output master controller. Controls up to 8 inputs/outputs. Expandable up to 64 I/Os. Powered by 12 VDC.
High-Security Readers and Cards (MIFARE®)	
	VAX-CR-35L, VAX-CSR-6.2 BLUETOOTH READERS AND VAX-BTC CREDENTIALS Mobile-ready contactless smartcard reader. Reads VAX-BTC mobile credentials up to 15 ft (4.6 m). Credentials stored on iPhone or Android. Supports MIFARE compliant smartcards; read range up to 1.5 in. (38 mm). VAX-CSR-6.2 integrates bluetooth reader and keypad. Available in either Wiegand or OSDP communications protocol models.
	VAX-D3R, VAX-D5R SMARTCARD READERS 13.56MHz encrypted communication using MAXSecure™ high security handshake and ValidID™ fraudulent data detection solution. Optimized for MIFARE DESFire EV1/EV2 secure communication protocol. VAX-D3R is designed to be mounted to metal door and window frames (mullion) and VAX-D5R is designed to be mounted to a standard single gang wall box. Available in either Wiegand or OSDP communications protocol model.
	VAX-D6.2R SMARTCARD READER Same secure encryption technology as VAX-D3R/VAX-D5R. Integrates contactless smartcard reader and keypad. Designed to be mounted to metal door and window frames (mullion). Available in either Wiegand or OSDP communications protocol model.
	VAX-DC1-1, VAX-DC4-1 SMARTCARDS MIFARE security protocol compliant 13.56MHz smartcard. Clamshell style. 1K-byte and 4K-byte memory. VAX-DE2 SMARTCARD Printable (dye sublimation). 2K-byte memory.
	VAX-DK1-3, VAX-DK4-3 KEY FOB SMARTCARD MIFARE security protocol compliant 13.56MHz key fob smartcard. Designed for key ring. 1K-byte and 4K-byte memory.
125 kHz Proximity Readers and Card Credentials	
	BIOMETRIC KIOSK Can be used as an Access Control Reader to allow or deny access based on face recognition, mask wearing or temperature measurement. Also provides facial recognition as well as non-contact temperature measurement. Supports Wiegand output interface with card credentials stored on the device.
	VAX-300R, VAX-500R PROXIMITY READERS 125 kHz proximity reader. Interfaces with VAX via Wiegand communications protocol. VAX-300R is designed to be mounted to metal door and window frames (mullion) and VAX-500R is designed to be mounted to standard single gang box wall switch Available in black or beige.
	VAX-600KP PROXIMITY READER Integrates proximity reader and keypad. Interfaces with VAX via Wiegand communications protocol. Designed to be mounted to a single gangbox wall switch.
	VAX-CRD-SD PROXIMITY CARD 125 kHz proximity card. Clamshell card. Wiegand 26-bit format communications.
	VAX-CRD-MT PROXIMITY CARD 125 kHz proximity card. ISO style; multi technology for dye sublimation imaging. Wiegand 26-bit format communications.
	VAX-PRX-TAG PROXIMITY FOB 125 kHz small proximity tag. Designed for key ring.

Network Cameras

IP Fixed Dome Cameras

ROUGHNECK PRO DOME SERIES

with advanced AI-based analytics



A powerful dome with advanced analytics for faster responses.

Key Features

- 2 MP, 5 MP and 4K (8 MP) models
- NDAA-compliant
- H.265/H.264 and M-JPEG compression
- Min. Color Illumination: 0.007 lux (2 MP); 0.03 lux (5 MP); 0.02 lux (8 MP)
- Temp: -40° - 140 F (-40° - 60° C)
- True WDR
- MFZ lens
- Smart/Adaptive IR illumination; 131 ft (40 m)
- Starlight low-light imaging
- Advanced Analytics
- Audio and Alarm input/output
- Powered by PoE; 12 VDC; 24 VAC
- Video composite out
- SD card slot for on-camera storage
- IP67; IK10

Product Details

Models:
V2002D-W313MIR
V2005D-W313MIR
V2008D-W310MIR

ROUGHNECK PRO VANDAL MICRO DOME SERIES

with advanced AI-based analytics



Designed for security installations that require a small form factor vandal dome.

Key Features

- 2 MP and 5 MP models
- NDAA-compliant
- H.265/H.264 and M-JPEG compression
- Min. Color Illumination: 0.007 lux (2 MP); 0.03 lux (5 MP)
- Temp: 14° - 131° F (-10° - 55° C)
- True WDR
- Fixed 2.8 mm lens
- Smart/Adaptive IR illumination; 49 ft (15 m)
- Museum Search
- Smart Encoding
- Advanced Analytics
- Two-way audio
- Powered by PoE
- SD card slot for on-camera storage
- IP67; IK10

Product Details

Models:
V2002D-W28IR
V2005D-W28IR

ROUGHNECK DOME SERIES



These rugged outdoor cameras are ideal in challenging environments.

Key Features

- 2 MP and 5 MP models
- NDAA-compliant
- H.265/H.264/M-JPEG compression
- Min. Color Illumination: 0.015 lux (2 MP); 0.05 lux (5 MP)
- Temp: -22° - 140° F (-30° - 60° C)
- True WDR
- MFZ lens
- Smart IR; 98 ft (30 m)
- Smart Encoding
- Powered by PoE; 12 VDC
- SD card slot for on-camera storage
- IP67; IK10

Product Details

Models:
V2102D-W313MIR
V2105D-W313MIR

Network Cameras

IP Fixed Dome Cameras (Cont'd)

ROUGHNECK FISHEYE CAMERA



This camera provides a high-resolution, hemispherical view that eliminates blind spots and provides dewarping.

Key Features

- 12 MP model
- NDAA-compliant
- H.265/H.264 and M-JPEG compression
- Min. Color Illumination: up to 0.04 lux
- Temp: -40° - 122° F (-40° - 50° C)
- WDR
- Fisheye lens; 360° panorama at full HD
- IR illumination; 49 ft (15 m)
- Smart Encoding
- Audio input/output
- Powered by PoE+; 24 VAC
- SD card slot for on-camera storage
- IP67; IK10

Product Details

Models:
V2360W-12

MULTI-SENSOR 180° SERIES



This camera has four sensors that work together to provide a detailed 180° panoramic view.

Key Features

- 8 MP and 20 MP models
- Includes four separate camera modules (2 MP or 5 MP)
- H.265/H.264 compression
- Min. Color Illumination: 0.05 lux (8 MP); 0.1 lux (20 MP)
- Temp: -40° - 131° F (-40° - 55° C)
- True WDR
- IR illumination; 90 ft (30 m)
- Exposure settings for each module configured independently or globally
- FOV: 180° horizontal; 47° (8 MP)/32° (20 MP) vertical
- Smart Encoding
- Audio and Alarm input/output
- Powered by PoE+; 12 VDC; 24 VAC
- SD card slot for on-camera storage
- IP66; IK10

Product Details

Models:
V1008-WIR-180-1
V1020-WIR-180-1

MULTI-SENSOR 360°



This camera is comprised of four independently adjustable sensors that eliminate blind spots so you can monitor extremely wide areas with just a single IP address and cable.

Key Features

- 20 MP with four 5 MP sensors
- 270°/360° views
- H.265/H.264 and M-JPEG compression
- Min. Color Illumination: up to 0.03 lux
- Temp: -40° - 131 F (-40° - 55° C)
- True WDR
- Fisheye lens; 4X sensors
- IR illumination; up to 131 ft (40 m)
- Smart Encoding
- Alarm and Audio input/output
- Powered by PoE+/PoE++; 24 VDC; 24 VAC
- IP66; IK10

Product Details

Models:
V1020-WIR-360

Network Cameras

Bullet and Specialty Cameras

ROUGHNECK PRO BULLET SERIES

with advanced AI-based analytics



A powerful bullet with advanced analytics for faster responses.

Key Features

- 2 MP, 5 MP and 4K (8 MP) models
- NDAA-compliant
- H.265/H.264 and M-JPEG
- Min. Color Illumination: 0.0007 lux (2 MP); 0.03 lux (5 MP); 0.02 lux (8 MP)
- Temp: -40° - 140° F (-40° - 60° C)
- True WDR
- MFZ lens
- Smart/Adaptive IR; 131 ft (40 m) range
- Starlight low-light imaging
- Advanced Analytics
- Museum Search
- Audio and Alarm input/output
- Powered by PoE+; 12 VDC; 24 VAC
- SD card slot for on-camera storage
- IP67; IK10

Product Details

Model:
V2002B-W313MIR
V2005B-W313MIR
V2008B-W310MIR

ROUGHNECK PRO BOX CAMERA

with advanced AI-based analytics



A high-resolution IP box camera with advanced analytics for faster responses.

Key Features

- 4K (8 MP) model
- NDAA-compliant
- H.265/H.264 and MPEG-4 compression
- Min. Color Illumination: 0.02 lux
- Temp: 14° - 131° F (-10° - 55° C)
- True WDR
- Smart Encoding
- Advanced Analytics
- Supports megapixel DC iris, P-iris or i-CS lens option
- Built-in ABF button for easy focus
- Alarm and Audio input/output
- Powered by PoE; 12 VDC ; 24 VAC
- SD card slot for camera storage

Product Details

Model:
V2008-W-NL

ROUGHNECK BULLET SERIES



A cost-effective bullet with powerful image quality for any application.

Key Features

- 2 MP and 5 MP models
- NDAA-compliant
- H.265/H.264 and M-JPEG compression
- Min. Color Illumination: up to 0.015 lux; 0.05 lux (5 MP)
- Temp: -22° - 140° F (-30° - 60° C)
- MFZ lens
- Smart IR Illumination; 98 ft (30 m)
- Smart Encoding
- True WDR
- Powered by PoE; 12 VDC
- SD card slot for on-camera storage
- IP67; IK08

Product Details

Models:
V2102B-W313MIR
V2105B-W313MIR

Network Cameras

Bullet and Specialty Cameras (Cont'd)

ROUGHNECK MINI-BULLET SERIES



A cost-effective mini-bullet that delivers exceptional image quality in nearly any environment.

Key Features

- 2 MP and 5 MP models
- NDAA-compliant
- H.265/H.264 and M-JPEG compression
- Min. Color Illumination: 0.015 lux (2 MP); 0.09 lux (5 MP)
- Temp: -22° - 140° F (-30° - 60° C)
- Fixed 2.8 mm lens
- Smart IR Illumination; 98 ft (30 m)
- Smart Encoding
- True WDR
- Powered by PoE; 12 VDC
- SD card slot for on-camera storage
- IP67; IK08

Product Details

Models:
V2102B-28IR
V2105B-28IR

THERMAL BODY TEMP CAMERA



Designed to help screen people for potential elevated skin temperatures.

Key Features

- Accuracy within $\pm 0.54^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)
- Min. Color Illumination: 0.1 lux
- Temp: -22° - 140° F (-30° - 60° C)
- Bi-spectral 8 mm (thermal) and 2.7-12 mm motorized (visible) lens
- True WDR
- Response time of 30 milliseconds
- Intelligent function alarms: smart body detection, perimeter, line cross, object left/object removed
- Designed to meet FDA requirements
- Up to 16 target detection

Product Details

Model:
V1110B-THM-TEMP

THERMAL BULLET SERIES



The camera delivers thermal imaging that can be best used for perimeter and wide area protection.

Key Features


- 400 x 300 resolution
- H.265/H.264 and M-JPEG compression
- Temperature Detection/Display up to 8 areas
- 40 mK sensitivity
- Temp: -40° - 140° F (-40° - 60° C)
- Four lens choices: 15 mm, 25 mm, 35 mm, 50 mm
- 8 to 14 μm spectral range
- Advanced Analytics
- Smart Encoding
- Alarm and Audio input/output
- Powered by PoE; 12 VDC; 24 VAC
- SD card slot for on-camera storage
- IP66


Product Details

Models:
V1100B-THM-15MM
V1100B-THM-25MM
V1100B-THM-35MM
V1100B-THM-50MM


Network Cameras

Bullet and Specialty Cameras (Cont'd)

EXTENDED FOCAL LENGTH BULLET	Key Features	Product Details
 <p>This vandal bullet camera is designed for security installations that need a compact vandal resistant camera with a powerful 10x lens.</p>	<ul style="list-style-type: none"> • 1080p resolution • H.264 and MPEG-4 compression • Min. Color Illumination: 0.35 lux • Temp: -22° - 122° F (-30° - 50° C) • True WDR • MFZ lens • IR illumination; 82 ft (25 m) • Integral heater • Museum Search • Alarm and Audio input/output • Powered by PoE+; 12 VDC • SD card slot for camera storage • IP66; IK10 	<p>Models: V922B W551MIR-A1</p>


ROUGHNECK V-CELL-HD-B	Key Features	Product Details
 <p>This heavy-duty, stainless steel high-security camera is designed specifically for custodial suites and prison cells.</p>	<ul style="list-style-type: none"> • 3 MP • H.264/MPEG-4/M-JPEG compression • Min. Illumination: 0.0 lux (IR On) • Temp: 32° - 140° F (0° - 60° C) • WDR • 2.3 mm fixed lens • IR illumination; 65 ft (20 m) • Museum Search • Integrated microphone and speaker • Alarm input/output • Water-resistant enclosure • Powered by PoE; 12 VDC • IP66; IK10 	<p>Model: V-CELL-HD-B</p>


PTZ Cameras


ROUGHNECK PTZ	Key Features	Product Details
<p>with advanced AI-based analytics</p>  <p>A rugged PTZ with 30x optical zoom and advanced analytics for faster responses.</p>	<ul style="list-style-type: none"> • 2 MP resolution • NDAA compliant • H.265/H.264 compression • Min. Color Illumination: 0.007 lux • Starlight low-light imaging • Temp: -40° - 140° F (-40° - 60° C) • True WDR • Advanced Analytics • 4.5 - 135 mm (30X optical zoom); digital 10X • Adaptive/Smart IR (automatic); 492 ft (150 m) • Two-way audio • Alarm input/output • PoE++; 24 VAC; 48 VDC • IP66; IK07 	<p>Model: V2002D-PTZ</p>

Network Cameras

PTZ Cameras (Cont'd)


CRUISER HD NETWORK PTZ DOME	Key Features	Product Details
 <p>A versatile PTZ with enhanced quad-streaming video capabilities.</p>	<ul style="list-style-type: none"> • 2 MP resolution • H.265/H.264 compression • Min. Color Illumination: 0.2 lux • Temp: 14° - 122° F (-10° - 50° C) • True WDR • Quad-streaming • 20x (4.7 - 94 mm) optical zoom; 16x digital zoom • Museum Search • VCA • Alarm and Audio input/output • Powered by PoE; 24 VAC; 12 VDC • SD card slot for on-camera storage • IP66; IK10 	<p>Model: SN673V-C</p>

CRUISER HD NETWORK PTZ DOME	Key Features	Product Details
 <p>This PTZ dome camera provides video surveillance over a wide area. The unique design eliminates distortion and allows viewing above the horizon.</p>	<ul style="list-style-type: none"> • 2 MP resolution • H.265/H.264/M-JPEG compression • Min. Color Illumination: 0.35 lux • Temp: -4° - 140° F (-20° - 60° C) • True WDR • 23X optical zoom (5 - 117 mm) • IR illumination; 196 ft (60 m) • VCA • Museum Search • Alarm and Audio input/output • Powered by PoE+; 12 VDC • SD card slot for on-camera storage • IP66; IK10 	<p>Model: SN693V</p>

RUGGED PTZ DOME	Key Features	Product Details
 <p>The rugged PTZ dome camera is designed for performance in demanding installations.</p>	<ul style="list-style-type: none"> • 3 MP resolution • H.264/H.265/M-JPEG compression • Min. Color Illumination: 0.35 lux • Temp: -22° - 149° F (-30° - 65° C) • True WDR • 36x optical zoom autoiris lens • Synchronized IR illuminators; 1312 ft (400 m) • Museum Search • VCA • Quad streaming video • Alarm and Audio input/output • Powered by UPoE (PoE injector included); 12 VDC • SD card slot for on-camera storage • IP66; IK10 	<p>Model: SN683D-WIR</p>


Network Cameras

PTZ Cameras (Cont'd)


4K PTZ DOME	Key Features	Product Details
	<ul style="list-style-type: none"> Thermal detection and tracking of intruders up to 1640 ft in a 360° panoramic view Integrated high-speed PTZ provides real-time tracking Geospatial tracking on localized maps Excellent performance regardless of lighting or weather conditions Dual inputs to VMS provide PTZ image and multi-screen customized thermal display One thermal unit can replace up to 8 fixed cameras 	Model: VTR-3200 VTR-3300 VTR-6200 VTR-6400 VTR-6600

High-powered thermal sensor cameras provide 360° coverage to detect, identify and track intruders. Combined with the SN683D or SN688D PTZ, the result delivers situational awareness of any physical incursion.

HD Analog Cameras

HD ANALOG BOX	Key Features	Product Details
	<ul style="list-style-type: none"> 2 MP (1080p; AHD/TVI) Supports AHD/TVI/CVBS Min Color Illumination: 0.03 lux Temp: 14° - 122° F (-10° - 50° C) True WDR On-screen menus with innovative joystick control make setup and operation easy Digital Noise Reduction Defog Provides C/CS lens mount and standard autoiris output (Lens not included) 	Model: V672-W-NL


High-resolution day/night box camera that can accept a wide range of lens options to suit any application.

HD ANALOG VANDAL DOME	Key Features	Product Details
	<ul style="list-style-type: none"> 2 MP (1080p; AHD/TVI) Supports AHD/TVI/CVBS Min. Color Illumination: 0.03 lux Temp: 14° - 122° F (-10° - 50° C) True WDR Varifocal lens; FOV: 119.9° - 28.8° (horizontal) IR Illumination; 98 ft (30 m) HLC (High Light Compensation) Defog Digital Noise Reduction On-screen menus with innovative joystick control Accepts UTC (up the coax) protocol IP66; IK10 	Model: V672D-W312MIR


Compact plastic dome housing includes a fixed camera and motorized varifocal lens.

HD Analog Cameras

HD Analog Cameras (Cont'd)

HD ANALOG VANDAL DOME	Key Features	Product Details
	<ul style="list-style-type: none"> 2 MP (1080p; AHD/TVI) Supports AHD/TVI/CVBS Min. Color Illumination: 0.03 lux Temp: 14° - 122° F (-10° - 50° C) True WDR Varifocal lens; FOV: 94.2° - 26.2° (horizontal) IR Illumination; 98 ft (30 m) HLC (High Light Compensation) Defog Digital Noise Reduction On-screen menus with innovative joystick control Accepts UTC (up the coax) protocol IP66; IK10 	Model: V672V-W312MIR-1

Compact, die-cast aluminum domed housing incorporating a fixed camera and motorized varifocal lens.

HD ANALOG OUTDOOR BULLET	Key Features	Product Details
	<ul style="list-style-type: none"> 2 MP (1080p; AHD/TVI) Supports AHD/TVI/CVBS Min. Illumination: 0.03 lux (color) Temp: 14° - 122° F (-10° - 50° C) True WDR Varifocal lens; FOV: 91° - 28° (horizontal) IR Illumination; 130 ft (40 m) HLC (High Light Compensation) Defog Digital Noise Reduction On-screen menus with innovative joystick control make setup and operation easy Accepts UTC (up the coax) protocol IP66 	Model: V672B-W312MIR

Outdoor bullet camera offers a durable housing incorporating a fixed camera and motorized varifocal lens.

For more information about Vicon visit our website: vicon-security.com



HD Analog Cameras

Supports AHD/TVI/CVBS • True WDR • On-screen setup
 2MP (AHD/TVI)/700 TVI (CVBS) resolution • Privacy Masking • Motion Detection • Accepts UTC protocol

Our HD analog cameras deliver high-definition video in a conventional coaxial cabling environment at an affordable value, removing traditional analog resolution limitations by delivering HD video quality in an existing analog infrastructure. No new cabling is required when upgrading existing analog systems to high definition when you are using HD analog technology.



Vicon's camera line includes models appropriate for every market.



16-channel encoder • Supports AHD/TVI/CVBS video • Supports dual streaming H.264 compression • 4 alarm inputs; 1 alarm output • Compatible with Valerus VMS

Our 16-channel VLR-ENC-16 ONVIF video encoder converts analog video feed into a digital stream, which allows sending the captured digital images over an IP network. The live images can then be viewed on an IP network using video management software and IP-based cameras can be added as budget allows.

Cameras Accessories

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



Monitor

- 23.8-inch model
- Convenient front panel and OSD controls
- HDMI, VGA and CVBS (BNC) inputs
- Resolution up to 1920 x 1080
- Desk or wall (VESA) mounting; rack-mount option



Network Switch

- 10 and 24-channel models
- LAN connections with PoE+/PoE++
- Models with 240 W, 380 W and 480 W PoE budget
- Maximum power 180W; up to 15.4W max. per port



Transmission

- Fiber-optic media converters for range extension



Camera Accessories

- Extensive selection of indoor and outdoor mounting hardware
- Power supplies

Vicon offers A&E Support, Training and Professional 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 VMS and VAX online training classes. There are also online tutorials and a number of calculator tools that make it easy to determine specifications for storage, bandwidth and camera settings.

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.

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