# American Dynamics
*From Tyco Security Products*

# VideoEdge

1U NETWORK VIDEO RECORDER

## Quickly Store Video on a Low-Cost NVR

Equipped with 16 embedded PoE ports, the VideoEdge 1U is ideal for deployments that require simplified and lower cost installations. The 1U NVR is suited for small to medium sized locations where video storage is a priority. Scalable up to 24TB of storage in a small 1U form factor, the hardware provides the capability to meet your network growth requirements.

Supported by the powerful VideoEdge feature set, the 1U allows users to access powerful advanced analytics regarding consumer behaviors and physical security. These metrics can be leveraged to improve routine administrative functions and enhance overall surveillance.
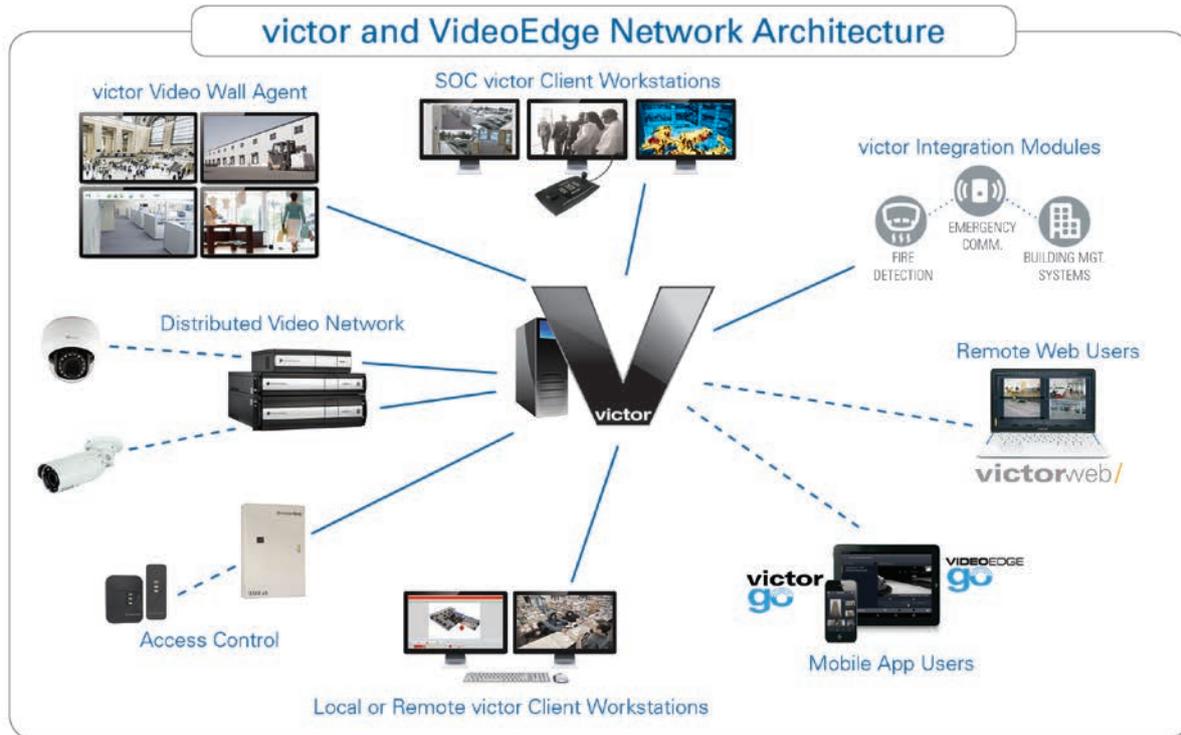
The victor client and VideoEdge hardware platforms improve the efficiency of security personnel and daily business operations by creating a powerful video management solution that allows users to leverage high-performance video streaming, analytics, video intelligence and a leading-edge feature set for streamlined command and management.

## FEATURES THAT MAKE A DIFFERENCE

- **NEW!** RESTRICT CAMERA ACCESS PERMISSIONS BASED ON USER ROLES FOR ENHANCED SYSTEM SECURITY

- **NEW!** IP I/O MODULE INCREASES FLEXIBILITY WHEN CRAFTING SOLUTIONS THAT REQUIRE INPUT AND OUTPUT DEVICES

- MAXIMIZE STREAMING RESOURCES BY ACCEPTING TRIPLE VIDEO STREAMS FROM THE CAMERA TO THE NVR

- END TO END MULTICAST ADDS THE ABILITY TO VIEW CAMERAS DIRECTLY FROM A VICTOR CLIENT WHEN AN NVR IS UNDERGOING SYSTEM UPDATES

- H.264+ AND H.265 SUPPORT HIGHER RESOLUTIONS WHILE REDUCING NECESSARY STORAGE SPACE

- TRICKLESTOR PROVIDES COST-EFFECTIVE REDUNDANCY BY STORING VIDEO ON SELECT ILLUSTRA CAMERAS WHEN NETWORK CONNECTION IS LOST

- LICENSE PLATE RECOGNITION ANALYTIC OFFERS REAL-TIME OR FORENSIC ALARMS OF KNOWN VEHICLE PLATES TO DETECT UNWANTED INTRUDERS

- EMBEDDED POE SWITCH FOR REDUCED INSTALLATION TIME, HARDWARE REQUIREMENTS, AND SUPPORT CALLS

- 240W TOTAL POWER WITH EACH PORT CAPABLE OF INDIVIDUAL POWER

- CYCLE CONFIGURATION FOR IMPROVED DIAGNOSTICS AND REDUCED DOWN TIME

- NVR LICENSES CAN BE CENTRALLY LOCATED ON THE VICTOR SERVER FOR EASE OF ACCESS AND DOWNLOAD*

- SORT THROUGH DAYS OF VIDEO IN SECONDS USING BUILT-IN SMART SEARCH TOOL

- SMARTSTREAM MANAGES SUPERIOR VIDEO QUALITY IN CONSTRAINED ENVIRONMENTS

- COMPLIES WITH THE CYBER PROTECTION PRODUCT SECURITY PROGRAM

*See victor Professional and Enterprise data sheets for more information on centralized licensing*

tyco

victor and VideoEdge Network Architecture

## Hardware Specifications

| Specification | Description |
|---|---|
| Operating System | VideoEdge OS built on openSUSE Linux |
| Memory | 8GB |
| OS Drive | 250 GB 2.5" SATA |
| Network Interface | 2 x GigE |
| Camera Interface | 16 x 10/100mbps PoE (802.af), up to 8 x 10/100mbps PoE+ (802.at), 240W Total Power |
| RAID Controller | None |
| Video Storage | up to 24TB JBOD |
| Power Supply | 500W, 100~240VAC |
| Max BTU | 1706 |
| Max Total Camera | 32 |
| VideoEdge Client | Yes |
| Monitor Interface | 1 DVI-I (VGA using adaptor), 2 x DisplayPort v1.2 |
| Video Recording Throughput | 100 Mbps[1] |
| Chassis | 1U |
| External Storage | iSCSI |
| Dimensions (W x H x D) | 430mm x 44mm x 390mm (16.93in x 1.74in x 15.35in) |
| Regulatory | FCC Part 15, Class A; CE: EN55022, Class A; CE: EN6100-3-2; 3-3; ICES-003/NMB-003, Class A; AS/NZS CISPR22, Class A Immunity CE: EN50130-4 CE: EN55024 Safety UL 60950-1 (2nd Ed); IEC/EN 60950-1; CSA C22.2 60950-1, UL 2900-2-3 Level 3 |

[1] 50 Mbps if VideoEdge Client is used

## Ordering Information

| Model Numbers | Description |
| --- | --- |
| **VideoEdge 1U NVR** | |
| ADVER00N0NP16G | VideoEdge 1U NVR, 0TB JBOD, 16 PoE ports, 2NIC's, supports up to 32 IP cameras |
| ADVER04N0NP16G | VideoEdge 1U NVR, 4TB JBOD, 16 PoE ports, 2NIC's, supports up to 32 IP cameras |
| ADVER06N0NP16G | VideoEdge 1U NVR, 6TB JBOD, 16 PoE ports, 2NIC's, supports up to 32 IP cameras |
| ADVER12N0NP16G | VideoEdge 1U NVR, 12TB JBOD, 16 PoE ports, 2NIC's, supports up to 32 IP cameras |
| ADVER18N0NP16G | VideoEdge 1U NVR, 18TB JBOD, 16 PoE ports, 2NIC's, supports up to 32 IP cameras |
| ADVER24N0NP16G | VideoEdge 1U NVR, 24TB JBOD, 16 PoE ports, 2NIC's, supports up to 32 IP cameras |
| **VideoEdge 1U NVR Accessories** | |
| ADVER04TBTAD | VideoEdge HDD Kit, Compatible with 1U, 2U, and 3U NVR, 4TB Hot Plug HDD Kit w/Tray |
| ADVER06TBTAD | VideoEdge HDD Kit, Compatible with 1U, 2U, and 3U NVR, 6TB Hot Plug HDD Kit w/Tray |
| ADVE1URACKIT | VideoEdge 1U Rack Mount Kit |

## Camera Connection Licenses*

| Model Numbers | Description |
| --- | --- |
| ADVEC01 | VideoEdge NVR Add-on 1 IP Cam license |

*Not required with premium Illustra Pro cameras*
**For analytic ordering information, see Video Intelligence, Facial Biometric and License Plate Recognition data sheets*

## Related Products



victor Unified Client

RAID Storage

Illustra IP Cameras

Software House C•CURE 9000

## Approvals