

Phoenix Intelligent Video Modules utilize ObjectVideo OnBoard™ intelligent video analysis technology to provide any surveillance camera with networked video intelligence that automatically detects threats and broadcasts real time alerts and video without human intervention.

LEVERAGE EXISTING VIDEO ASSETS

Intelligent Video Modules convert traditional CCTV systems into an intelligent IP network based video system. Through its distributed architecture, IVMs are deployed at the edge of the network distributing the analytic intelligence processing, greatly reducing the infrastructure overhead of centralized, dedicated systems.

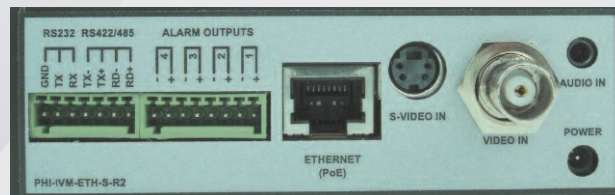
With a modular deployment, IVMs may be configured on all or just the most critical surveillance sensors in your network, providing a smooth network migration while eliminating human error and increasing threat prevention where safety needs are greatest. With the ability to detect security threats against preset rules, Intelligent Video Modules send alerts and video to security personnel when a threat is detected, many times preventing a breach from occurring.



IVM RUGGED ETHERNET
ALSO AVAILABLE IN WIRELESS



IVM STANDARD
FRONT



IVM STANDARD
BACK

Each IVM provides up to 4 outputs for alarms or dry contacts that may be activated for additional levels of security prevention. Power can be supplied over Ethernet (PoE) with camera power supplied directly from the module. Combined with their small form factor and IP67 rating, IVMs are simple and cost effective to install in any location. All these features make this the most powerful intelligent video "EDGE" device available today.



Analytics
at the **EDGE**

IP
convergence

H.264
Up to 4x the efficiency
of MPEG4

PHOENIX IVS
SDK
Using XML Web Services,
built on open standards

IVM™ INTELLIGENT VIDEO MODULE

IVM SPECIFICATIONS

Models: IVM Standard, IVM Rugged

Communications: 10/100 Base T Ethernet
802.11b/g (Rugged only)

Video Input: Composite or S-Video

Video Analysis: Detection Package 1
Detection Package 2
Detection Package 3

Video Resolution: QCIF: 176x120 (NTSC), 176x144 (PAL)
CIF: 352x240 (NTSC), 352x288 (PAL)
4CIF: 702x480 (NTSC), 702x576 (PAL)

Video Compression: MJPEG, MPEG 4, H.264

Protocols: HTTP, RTSP, RTP, TCP, UDP, DHCP, DNS, XML,
Multicast, Unicast, Dual Stream

Frame Rate: NTSC - 30fps Max
PAL - 25fps Max

Encryption: 802.11 Wireless Encryption:
64/128 bit WEP, WPA-PSK/TKIP

Temperature: 0°C to 50°C (Operating),
-40°C to 85°C (Storage)

Humidity: 5% to 90% (non-condensing)

IVM RUGGED TECHNICAL SPECIFICATIONS

Enclosure: Polycarbonate, IP-67

Alarm and Control I/O:
1 - RS232 or RS485/422 (Configurable)
3 - Alarm Outputs (Normally Open)
Resistive Load 2.5A at 60 VDC

Connectors: Waterproof BNC for composite video input
IP67 connector for Ethernet (PoE)
IP67 connector for S-Video and Audio
IP67 connector for Power, RS232 & RS422/485
IP67 connector for Alarms
SMA Female for Wireless Antenna

Mounting: Flange mount for modular mounting Configurations

Power: Input 1: 10 - 25 VDC, Max: 5 W
Input 2: PoE: 30-57 (48) VDC, Max: 5 W
Output 1: 12 VDC, Max: 7 W (Only on PoE Input)

IVM RUGGED TECH. SPECIFICATIONS

Dimensions: LxWxH: 6.8" x 3.5" x 2.0"
(172.7 x 88.9 x 50.8 mm)

Weight: .8 lbs (.36 kg)

Approvals: FCC Part 15, Subpart B
CE EN 55022, EN 55024, EN 301 489-1

IVM STANDARD TECH. SPECIFICATIONS

Enclosure: Aluminum

Alarm and Control I/O:
1 - RS232 or RS485/422 (Configurable)
4 - Alarm Outputs (Normally Open)
Resistive Load 2.5A at 60 VDC

Connectors: BNC for composite video input
RJ45 for Ethernet (PoE), S-Video connector
3.5 mm jack for Audio
1 mm jack for DC power
2.5 mm header(s) for Alarm
RS232 and RS422/485
DB9 AUX connector for Rackmount (IVR)

Mounting:
Flange mount for modular mounting Configurations
Rackmount (IVR) – Mount up to 10 IVM Standards

Power: Input 1: 10 - 25 VDC, Max: 5 W
Input 2: PoE: 30-57 (48) VDC, Max: 5 W

Dimensions: LxWxH: 3.6" x 1.5" x 4.4"
(91.4 x 38.1 x 111.8 mm)

Weight: .6 lbs (.27 kg)

Approvals: FCC Part 15, Subpart B
CE EN 55022, EN 55024



PHOENIX IVS™

A COMPLETE INTELLIGENT
VIDEO SURVEILLANCE SOLUTION.™

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