



## BLK-IPD101

Indoor IP Mini Dome Camera



### KEY FEATURES

- Superior image quality using progressive scan CMOS imager
- Features VCA edge based Intelligent Video Analytics for improved security with advanced detection capabilities
- Delivers 720 x 480 high quality H.264 compressed video at up to 30 IPS frame rate
- Features H.264 compression technology for optimized image quality, and lower bandwidth and storage requirements
- Includes advanced features such as Digital Slow Shutter, Progressive Scan, and built-in Motion Detection

### Superior Network IP Video Solutions for Professional Indoor Applications

The BLK-IPD101 offers advanced IP Intelligence, featuring a progressive scan CMOS imager and powerful real-time image processing hardware that delivers full frame rate video at D1 resolution. This camera features H.264 compression to optimize image quality, and lower system bandwidth and storage requirements.

The BLK-IPD101 features a discrete, mini-dome design with tri-axis gimbal to easily mount virtually anywhere - making it a perfect solution for securing retail stores, hotels, restaurants, and small businesses over the network or across the Internet.

VCA advanced Intelligent Video Analytics are built into the BLK-IPD101 and are designed to add additional detection accuracy based on user definitions. VCA operates at the edge, keeping overall system requirements at a minimum while improving the effectiveness of the solution. The BLK-IPD101 includes VCA Presence, an intelligent object detection and camera tampering suite, which adds improved alerting over traditional pixel based detection methods. Additional VCA packages, VCA Access and VCA Pro, are available as optional upgrades offering more advanced detection types and object counting capabilities.

Like all DIGIOP IP and Megapixel cameras, the BLK-IPD101 is integrated with DIGIOP hybrid and NVR video management solutions, and comes with lifetime technical support.

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## VCA Analytics

VCA Analytics are included on all DIGIOP BLACK cameras. Analytics work right of the box and include a self-learning algorithm that automatically adapts to the environment. Start using VCA-PRESENCE right away, and call us to upgrade to VCA-ACCESS or VCA-PRO.

### VCA-PRESENCE

#### Intrusion and Camera Tampering Detection

VCA-PRESENCE comes standard with all Digiop Black IP products and provides a very effective and easy to use intruder detection and tracking system.\*

- 40 user definable detection and non-detection zones
- Includes VCA Surveillance Tracker
- Cameras Tamper Detection

### VCA-ACCESS

#### People/Vehicle Counting and Tailgating Detection

VCA-ACCESS upgrade includes:\*

- All features of VCA-PRESENCE
- Line crossing people/vehicle counting
- On-screen counters
- Tailgating Detection

### VCA-PRO

#### Advanced Detection Suite

VCA-PRO upgrade includes:\*

- All features of VCA-PRESENCE and VCA-ACCESS
- Advanced People Tracker
- Object Classification and Speed Filters
- Direction Detection
- Loitering/Dwell Detection
- Enter/Exit Detection
- Appear/Disappear Detection
- Abandoned/Removed Object Detection
- Stopped Detection
- Abandon & object removal
- Advanced people tracker

\* Requires DIGIOP ELEMENTS™ Single Channel IP License + DIGIOP Data Single Channel Activation License for use with DIGIOP ELEMENTS™. Additional licensing may be required for third-party VMS.



**VCA-PRESENCE** detects when an object such as a person or vehicle is inside a crossing line or zone. This smart motion detection reduces false alerts by ignoring environmental changes and repetitive movements such as trees swaying in the wind.



**VCA-ACCESS** allows for user defined detection lines coupled with on-screen counters allowing you to track the number of people or vehicles that enter or exit an area.



**VCA-PRO** offers numerous detection filters and utilizes the Advanced People Tracker to ensure accurate detections in high density traffic scenes.

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## Specifications

### Camera Module

Image Sensor	1/4" VGA CMOS
Effective Pixels	640 x 480
Scanning System	Progressive Scan
Max Resolution	720 x 480 (upscaled)
Minimum Illumination	3 Lux (Color), 0.1 Lux (DSS On)
Lens	Focal Length 3.6 mm, F2.0
Day & Night	Digital
Function Key	Not Available

### Video

Compression Format	H.264, MPEG-4, MJPEG
Number of Streams	Dual Stream, Configurable
Resolution	D1, CIF, QCIF
Compression FPS	25/30 fps @ all resolutions
Deinterlacing	Support (DSP)
Motion Detection	Support (DSP)
Burnt-in Text (Digital)	Support (DSP)
Output	Not Available

### Audio

Input	1 Channel
Output	1 Channel
Compression Format	G.711

### Function

Digital Input	Not Available
Digital Output	Not Available
RS-485/422	Not Available
RS-232C	Not Available
Network	10 / 100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, PPPoE, SSL v2/v3, IEEE 802.1X, SNMP, SSH, and IPv6
USB 2.0	Not Available
SD Memory	Not Available

### Electrical

Power Source	12V DC (DC Jack)
Power over Ethernet	Not Available
Power Consumption (Approx)	2.76 W (DC 12)

### Environmental

Operating Temperature	32 °F ~ 122 °F (0 °C ~ 50 °C)
Operating Humidity	Up to 85% RH (Non-condensing)

### Mechanical

Dimension	4.88" (D) x 4" (H)
Weight (Approx)	0.62 lbs (280 g)

## Dimension Diagram

