



# VB-C60 PTZ IP SECURITY CAMERA

## PTZ Zoom Leader

Canon's VB-C60 pan/tilt/zoom IP security camera features an ultra-long Genuine Canon 40x optical zoom lens with a 56° horizontal field of view, as well as Canon's advanced Auto Focus and Image Stabilization systems. Designed as a versatile, compact solution for high-quality, remote-video monitoring over IP, the VB-C60's wide panning range ( $\pm 170^\circ$ ) and wide-angle lens provides coverage for a full 360° horizontal field-of-view. When viewing moving objects, images remain clear because of the camera's high-sensitivity progressive-scan CCD and Auto Focus system. The VB-C60 also features exceptional low light performance with color video down to 0.7 lux, and Canon's powerful **DiG!C NET** processor which enables the camera to simultaneously stream M-JPEG and MPEG-4 video encoding and transmission in high-quality VGA (640 x 480) resolution at a full 30 frames per second. The VB-C60 is also PoE (Power over Ethernet) IEEE 802.3af compliant which simplifies installation.



## Key Features

- ▶ 40x Optical Zoom with 56° Wide Angle Lens
- ▶ Progressive Scan CCD
- ▶ Smart Shade Control
- ▶ Image Stabilizer
- ▶ Exceptional Low-light Performance
- ▶ Auto Day / Night Capability
- ▶ Flexible Camera Settings
- ▶ Motion Detection with Subject Auto-Tracking
- ▶ Advanced **DiG!C NET** Processor



*Progressive-scan CCD allows for the capture of clear, well-defined high-quality video of moving objects.*

- ▶ IEEE 802.3af compliant Power over Ethernet (PoE)

## Recommended For:

- ▶ Hospitals
- ▶ Educational Institutions
- ▶ Construction Sites
- ▶ Mass Transportation Centers
- ▶ Government

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PRODUCT NAME: VB-C60 ITEM CODE: 2812B015 UPC CODE: 013803118063

## SPECIFICATIONS

|                                  |                           |  |
|----------------------------------|---------------------------|--|
| CCD IMAGE SENSOR                 |                           | 1/4 in. CCD (Primary Color Filter)                                 |
| NUMBER OF PIXELS                 |                           | 310,000 Effective Pixels   |
| SCANNING METHOD                  |                           | Progressive  |
| LENS                             | ZOOM RATIO                | 40x Optical with Auto Focus (4x Digital)                           |
|                                  | FOCAL LENGTH / F-STOP     | f= 3.4 mm (W)~136.0 mm (T) / F1.6 (W)~F5.6 (T)                     |
| ANGLE OF VIEW                    | HORIZONTAL                | 55.8° (W)~1.5° (T)   |
|                                  | VERTICAL                  | 43.3° (W)~1.1° (T)   |
| DAY / NIGHT MODE                 |                           | Auto / Manual  |
| IR CUT FILTER                    |                           | Yes  |
| MINIMUM ILLUMINATION             | COLOR                     | 0.7 lux @ 1/30 second Shutter Speed                                |
|                                  | BLACK & WHITE             | 0.2 lux @ 1/30 second Shutter Speed                                |
| FOCUS                            |                           | Auto / One-shot AF / Manual Fixed Focus at Infinity (for dome use) |
| FOCUS RANGE                      | DAY MODE                  | (W) 11.8in.~∞ / (T) 59in.~∞  |
|                                  | NIGHT MODE                | (W) 19.7in.~∞ / (T) 70.9in.~∞                                      |
| SHUTTER SPEED                    |                           | 1/1~1/8000 second  |
| WHITE BALANCE                    |                           | Auto / One-shot / Preset / Manual                                  |
| OPTICAL MEASUREMENT SYSTEM       |                           | Center-weighted / Average / Spot                                   |
| EXPOSURE COMPENSATION            |                           | 7 Levels   |
| SMART SHADE CONTROL              |                           | Yes  |
| IMAGE STABILIZER                 |                           | Electric (ON1 / ON2 / OFF)   |
| PAN ANGLE RANGE                  |                           | 340° (+ / -170°)   |
| TILT ANGLE RANGE                 | UPRIGHT / CEILING-MOUNTED | 115° (-25°~90°) / 115° (-90°~25°)                                  |
| MOVING RATE                      |                           | PAN / TILT: Maximum 150° / second                                  |
| VIDEO COMPRESSION METHOD         |                           | M-JPEG / MPEG-4  |
| OUTPUT IMAGE / VIDEO SIZE        |                           | JPEG: 640x480 / 320x240 / 160x120 MPEG-4: 640x480 / 320x240        |
| FRAME RATE                       |                           | M-JPEG: 0.1~30fps MPEG-4: 30 / 15 / 10 fps                         |
| MAXIMUM FRAME RATE               |                           | M-JPEG: 30 fps (640x480) MPEG-4: 30 fps (640x480)                  |
| SIMULTANEOUS CLIENT ACCESS       |                           | ACCESS M-JPEG: 30 clients MPEG-4: 10 clients                       |
| AUDIO COMMUNICATION              |                           | Full Duplex  |
| IPSEC (Communication Encryption) |                           | Available  |
| PRESETS                          |                           | Maximum 20 Positions   |
| MOTION DETECTION                 |                           | Yes, up to 4 detection areas can be set                            |
| JPEG IMAGE UPLOAD                |                           | FTP / HTTP / SMTP  |
| EVENT NOTIFICATION               |                           | HTTP / SMTP  |
| NETWORK                          |                           | LAN x1 (RJ-45, 100Base-TX), IEEE 802.3af                           |
| AUDIO TERMINALS                  | INPUT                     | 1-Mini-Jack Connector (Monaural) LINE IN or MIC IN                 |
|                                  | OUTPUT                    | 1-Mini-Jack Connector (Monaural) LINE OUT                          |
| EXTERNAL DEVICE I / O TERMINAL   |                           | Input x 2, Output x 2  |
| OPERATING ENVIRONMENT            | TEMPERATURE / HUMIDITY    | 14° to 122° F (-10°C to 50°C) / 20~85% RH (No Condensing)          |
|                                  | PoE                       | Via LAN Connector (IEEE802.af compliant)                           |
| POWER SUPPLY                     | OPTIONAL AC ADAPTER       | AC 100V - 240V (PA-V17)  |
|                                  | OPTIONAL EXTERNAL POWER   | AC 24V / DC 12V (non-polar)  |
| POWER CONSUMPTION                | WITH PoE                  | Maximum approximately 10W  |
|                                  | WITH OPTIONAL AC ADAPTER  | Maximum approximately 13W  |
| BUNDLED SOFTWARE                 | WEB VIEWER                | Built-In (no Java applet necessary)                                |
|                                  | VK-LITE                   | Free 4-camera license included                                     |
| WEIGHT                           |                           | Approximately 1.85 lbs. (Approximately 215 g)                      |
| DIMENSIONS (W x D x H)           |                           | 5.59 x 5.59 x 5.87 in. (142 mm x 142 mm x 149 mm)                  |

## OPTIONAL ACCESSORIES

| OPTIONAL SOFTWARE | Item Code No. | Description                                      |
|-------------------|---------------|--|
|                   | 4075B001      | VK-64 v2.2 Network Video Recording Software      |
|                   | 4075B002      | VK-16 v2.2 Network Video Recording Software      |
|                   | 4075B003      | VK-Viewer v2.2 License for VK-64 / 16 Viewer     |
|                   | 4075B004      | VK-Viewer v2.2 Licenses for VK-64 / 16 Viewer    |
|                   | 3331B001      | VK-Lite 1 License for VK-Lite                    |
|                   | 2823B001      | VB-RD51S-S Indoor Recessed Dome Housing (Smoked) |
|                   | 2823B002      | VB-RD51S-C Indoor Recessed Dome Housing (Clear)  |
|                   | 3121B002      | SS60-B-VB Ceiling Mount Cover                    |
|                   | 2245001       | PA-V17 AC Adapter                                |

## Image Stabilizer

The VB-C60's Image Stabilizer feature effectively works to compensate for image blur caused by camera vibrations or movement. This is useful against building vibration or strong winds, like when the camera is installed on an outdoor pole.



OFF



ON

## 56° Lens with 40x Optical Zoom



40x (maximum) zoom

The VB-C60 features the industry's most powerful 40x optical zoom and a 4x digital zoom. The camera's advanced auto focus system achieves smooth, immediate focus. Thanks to Canon's optical technology, the VB-C60 ultra-long zoom is able to maintain edge-to-edge tonal accuracy and clarity through the entire zoom range. The VB-C60 also features a genuine Canon wide-angle lens, with a 56° horizontal field of view.

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