VB-S30VE

Light, compact and durable PTZ camera designed to withstand outdoor conditions.

An easy-to-install weatherproof and vandal-resistant compact PTZ camera featuring a bright zoom lens and a built-in microphone to add new layers of detail.

- Capture everything with the VB-S30VE's bright f/1.4–2.6 lens, pan, tilt and zoom functions and superb low-light performance
- Full HD imaging and 3.5x optical zoom with low-distortion aspherical lens elements for pin-sharp images
- Record clear, high-quality audio with the built-in omni-directional microphone
- Lightweight, compact and easy to install with IK10 impact and IP66 weatherproof protection
- Motion Adaptive Noise Reduction and Area-specific Data Size Reduction (ADSR) maintain video quality while reducing data size
- Intelligent on-board analytics functions for advanced alarm detection
- Live monitoring and management from a broad range of supported web browsers and mobile devices
- ONVIF® Profile S compliant

Product Range:

<table>
<thead>
<tr>
<th>VB-S30VE</th>
<th>VB-S800VE</th>
<th>VB-S30D</th>
<th>VB-S31D</th>
<th>VB-S800D</th>
<th>VB-S805D</th>
</tr>
</thead>
</table>

ONVIF® is a registered trademark of Onvif, Inc
**Technical Specifications**

**CAMERA**
- **Image Sensor**: 1/4.85 type CMOS (primary colour filter)
- **Number of Effective Pixels**: Approx. 2.1 million pixels
- **Scanning Method**: Progressive
- **Lens**: 3.5x optical (4x digital zoom) zoom lens with auto focus
- **Focal Length**: 2.25 (W) – 7.88 mm (T)
- **F-number**: F1.4 (W) – F2.6 (T)
- **Viewing Angle**
  - For 16:9 aspect ratios: Horizontal: 77.1° (W) – 20.6° (T)
  - For 4:3 aspect ratios: Vertical: 40.2° (W) – 11.5° (T)
- **Day/Night Switch**: Auto/Day Mode/Night Mode
- **Focus**: Auto/One-shot AF/Manual/Fixed at infinity
- **Shutter Speed**: 1/2, 1/4, 1/8, 1/15, 1/30, 1/50, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec.
- **Exposure**: Auto/Auto (Flickerless)/Auto (Flickerless2)/Auto (Shutter-priority AE)/Manual
- **White Balance**: Daylight/Cloudy/Fluorescent/White Fluorescent/Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogen Lamp
- **Metering Mode**: Center-Weighted/Average/Spot
- **Exposure Compensation**: -2.0 to +2.0 steps (1/3 step)
- **Smart Shade Control**: Auto/Manual/Disable
- **Haze Compensation**: Auto/Manual/Disable/Color
- **AGC Limit**: 6 levels
- **Motion-Adaptive NR (Noise Reduction)**: Available
- **Pan Angle Range**: Horizontal: 0.5° (W) – 40° (T)
- **Tilt Angle Range**: 90° (ceiling-mounted position) – 0° – 0°
- **Moving Speed**: Pan: Max. 120°/sec.
- **Built-in microphone**: Omni-directional electret condenser microphone
- **Frequency Response**: 50 Hz – 16 kHz
- **S/N Ratio**: 62 dB or greater
- **Shooting Distance** (from front of lens)
  - Day Mode: 0.25 m (0.98 ft.) – infinity
  - Night Mode: 0.3 m (1.0 ft.) – infinity
- **Video Compression Method**: JPEG, H.264
- **Data Size**: 1280 x 960, 640 x 480, 320 x 240
- **Video Quality**: JPEG, H.264: 10 levels
- **Frame Rate**: 1/60, 1/30, 1/15, 1/8, 1/4, 1/2, 1/120, 1/240, 1/480, 1/960, 1/1920, 1/3840, 1/7680, 1/15360, 1/30720 fps
- **Simultaneous Client Access**: Max. 30 Clients + 1 Admin Client
- **Bit Rate Control**: Target Bit Rate: 6.4/128/256/512/1.024/2.048/4.096/8.192/16.384 kbps
- **ASDB: Area-specific Data Size Reduction**: Number of Specified Areas: Max. 8 areas
- **Data Size Reduction Level**: 3 levels
- **Security**: Camera Control: Administrator, Authorized user, Guest user
- **Operational Environment**: Temperature: -10°C – +50°C (+14°F – +122°F), Humidity: 5% – 95% (without condensation)
- **Power Supply**: PoE power supply (IEEE802.3af compliant)
- **Power Consumption**: Max. 8.1 W
- **Dimensions**: (4x H) 315 x 565 x 65 mm (9.2 x 2.2 x 2.56 in.)
- **Weight**: Approx. 630 g (22.9 oz.)
- **Impact Resistance**: IK07 (23 J)
- **Dust-resistant/Waterproof**: IP66

**ONVIF Profile**
- **Profile-S**
- **Audio Compression Method**: G.711u-law (64 kbps)
- **Audio Communication Method**: Full-duplex (two-way)/Half-duplex
- **Audio File Playback**: Available (audio files can be played back when an event is triggered by the intelligent function or external device input)
- **Privacy Mask**: Number of registration: Max. 8 places, Number of mask colors: 1 (select from 9 colors)
- **Panorama**: Available
- **View Restriction**: Available
- **Protocol**: IPv4, IPv6, TCP/IP, UDP, HTTPS, FTP, SMTP, RTSP, RTSP/ONVIF, HTTP/ONVIF

**ONVIF Profiles**
- **Profile-S**

**Other**
- **Language Support**: English, German, Spanish, Dutch, French, Italian, Polish, Russian, Turkish, Korean
- **License**: Canon proprietary

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**Canon Inc.**
canon.com

**Canon europe**
canon-europe.com

**English edition**
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Technical Specifications

Certifications and Compatibility
- EN55032 Class B, FCC part15 subpart B Class B, ICES-003 Class B
- VCCI Class B, C-tick AS/NZS, EN55032 Class B, EN55133:2002 Class B, IEC61000-3-2 Class B, EN61000-3-3
- IEC/UL/EN60950-1, EN50130-4, IEC/UL/EN60529 IP66, IEC/UL/EN62066

APPLICATION
- Viewer
  - Camera Viewer
  - Mobile Camera Viewer

Camera software
- Camera Management Tool
- Recorded Video Utility
- On-screen Display Assist Tool

Language
- German/English/Spanish/French/Italian/Polish/Russian/Turkish/Korean/Chinese (Simplified)/Japanese

Operating Environment
- PC
  - Processor (Recommended): Intel Core i7-2600 or higher
  - Graphics Board (Recommended): Not specified
  - Memory (Recommended): 2 GB or higher
  - Viewer Display (Recommended): 1920 x 1080 or higher

Operating System
- Windows 7 Ultimate/Professional/Enterprise/Home Premium SP1 32/64-bit
- Windows 8.1/Windows 8.1 Pro/Windows 8.1 Enterprise 32/64-bit
- Windows 10 Pro/Windows 10 Enterprise/Windows 10 Education
- Windows Server 2008 Standard SP2 32/64-bit
- Windows Server 2008 R2 Standard 64-bit
- Windows Server 2012 Standard 64-bit
- Windows Server 2012 R2 Standard 64-bit
- Windows Server 2016 Standard 64-bit

Compatible Browser
- Internet Explorer 9 32-bit
- Internet Explorer 10/11 32/64-bit
- Microsoft Edge
- Chrome 65

Compatible Mobile Devices
- Surface, iPad, iPhone, Nexus, Galaxy

Compatible Accessories
- CB30VE-VB: Conduit Box
- PC30VE-VB: Pendant Mounting Kit

Dimensions
- All dimensions are in mm (in.)

What's in the box?
- VB-S30VE main Unit
- Before Using this Camera
- EAC-Supported Guide
- Wrench
- I/O interface cable

Installable firmware
- Camera Management Tool
- Recorded Video Utility

Software
- Runtime Library
- Camera/Management Tool
- NET Framework 3.5 (When using Internet Explorer 9)
- NET Framework 4.0 or higher (When using Internet Explorer 10/11)
- Recorded Video Utility
- NET Framework 5.0 (When using Windows Server 2008 Standard SP2 32/64-bit)
- NET Framework 4.0 or higher

Verified Mobile Devices
- Setting Page, Viewer - As of April 2018

Surface 3
- Operating System
  - Windows 10 Home 64-bit
- Compatible Web Browser
  - Internet Explorer 11
  - Microsoft Edge
  - Must be configured to allow use of Javascript, and web storage
  - For Camera Viewer only, cookies must be enabled
  - Does not support playback of Video (H.264) or audio transmission/reception

Apple Devices
- iPad Pro 12.9-inch, iPad Pro 10.5-inch, iPhone 7, iPhone 8 Plus, iPhone X
- Compatible Web Browser
  - Safari
  - Must be configured to allow use of Javascript, JSON, (HTML tag), and web storage
  - For Camera Viewer only, cookies must be enabled
  - Does not support playback of Video (H.264) or audio transmission/reception
  - Setting page and Camera Viewer is not supported on the iPhone

Android Devices
- Nexus 9: Galaxy Tab S 8.4 (Android 4.4, 5.0.2)
- Compatible Web Browser: Chrome 62
- Does not support playback of Video (H.264) or audio transmission/reception
- Nexus 6P, Galaxy S8 (Android 6.0, 8.0)
- Compatible Web Browser: Chrome 65
- Does not support playback of Video (H.264) or audio transmission/reception

Android Devices
- Setting Page and Camera Viewer is not supported
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Sales Start Date: Dec 2016 / Jan 2017

Product Details:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Mercury Code</th>
<th>EAN Code</th>
<th>Recommended Retail Price</th>
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<td>1387C001AB</td>
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Optional Accessories:

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<th>Product Name</th>
<th>Mercury Code</th>
<th>EAN Code</th>
<th>Recommended Retail Price</th>
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<td>Pendant Mounting Kit PC30VE-VB</td>
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Measurement / Logistic Information:

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<th>Mercury code</th>
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<th>Gross Weight (kg)</th>
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