Ideal for demanding outdoor applications these Full HD continuous 360° PTZ cameras offer extensive protection, precision control and accurate monitoring.

- Vandal resistant speed domes delivering maximum visual coverage.
- 30x zoom for exceptional detail and surveillance coverage
- Continuous panning, Auto-Flip and advanced subject tracking
- Stunning low-light performance and fast, accurate auto focus
- Vandal and weather resistant, with an extended operating temperature range
- Hydrophilic Coating II prevents the decrease of visibility during and after rainfall, and resists fouling by sand or dirt
- Enhanced Digital Zoom extends the camera’s zoom capabilities while maximising image quality
- Motion Adaptive Noise Reduction and Area-Specific Data Size Reduction (ADSR) maintain video quality while reducing bandwidth usage
- On-board analytics functions provide intelligent alert detection capabilities
- ONVIF® Profile S and Profile G compliant

Product Range

VB-R13VE (H2)  
VB-R12VE (H2)  
VB-R11VE (H2)  
VB-R10VE (H2)  
VB-R13  
VB-R11

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

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### VB-R13VE (H2) & VB-R12VE (H2)

#### Audio File Playback
- Available (audio files can be played back when an event is triggered by the intelligent function or external device input)
  - A third-party amplifier speaker is necessary.

#### Privacy Mask
- Number of registration: Max. 8 places. Number of mask colors: 1 (select from 9 colors)

#### Panorama
- Available

#### IP Configuration
- Number of registers: Max. 256 positions (Home Position)
  - Number of Preset Tour Route Max. 5

#### Intelligent Function (Video)
- Moving Object Detection, Abandoned Object Detection, Object Detection, Camera Tampering Detection, Raising Detection, Intrusion Detection, and Auto Tracking
  - Detection Settings: Max. 15
  - Non-detection Area Settings: Available

#### Intelligent Function (Audio)
- Volume Detection, Screen Detection, and Event Detection
- Available

#### Event Trigger Type
- External Device Input, Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Switch
  - Number of Linked Events: 2
  - Linked Event Conditions: ON, OFF (whether or not the input is sequence to events)

#### Image Upload
- FTP / HTTP / SMTP (e-mail)

#### On-Screen Display
- Available

#### Event Notification
- Available

#### Log Notification
- SMTP (e-mail)

#### Enhanced Digital Zoom
- Available

#### Maximum Digital Zoom Magnification Factor
- Available

#### Memory Card
- SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible
  - Recorded Content: Log, Video (Event, Manual, ONVIF, Timer, Upload)

#### Data Size Reduction Level
- 3 levels

#### Intelligent Function
- Available

#### Encoder/Decoder
- Available

#### Operating Environment
- Temperature (including direct sun exposure)
  - Operating Temperature Range (including direct sun exposure)
    - AC: -50°C ~ +55°C (-58°F ~ +131°F)
    - DC: +10°C ~ 0°C
  - Humidity
    - 5% ~ 85% (without condensation)

#### Installation Method
- Ceiling mount / Surface mount
  - Cannot guarantee proper operation if the cameras are installed on surfaces where the angle is more than 45° from horizontal, because this will put a heavy load on sliding mechanical parts and may affect durability.

#### Power Supply
- PoE: PoE power supply via a LAN connector (IEEE802.3at TypeA/2 TypeA compliant)
  - AC Adapter: PA-V18 (100 – 240 V AC) (sold separately)
  - External power source: 24 V AC/12 V DC

#### Power Consumption
- PoE: Max. approx. 12.3 W
  - AC Adapter: Max. approx. 15.8 W (100 V AC)
  - AC Adapter: Max. approx. 13.5 W (240 V AC)

#### Dimensions
- (F1) φ292 x 324 mm
  - Camera only: 9.02 x 12.76 in.
  - Camera only (excluding connection header length)
  - Camera only (excluding connection header length)

#### Weight
- Approx. 3530 g (7.79 lb.)
  - Approx. 3420 g (7.54 lb.)

#### Impact Resistance
- IK10 (20J)

#### Waterproof
- IP66

#### Hydrophobic Coating
- Available

### VB-R13VE (H2)

#### Audio File Playback
- Available

#### Panorama
- Available

#### Preset
- Number of registers: Max. 256 positions (Home Position)

#### Intelligent Function (Video)
- Moving Object Detection, Abandoned Object Detection, Object Detection, Camera Tampering Detection, Raising Detection, Intrusion Detection, and Auto Tracking

#### Intelligent Function (Audio)
- Volume Detection, Screen Detection, and Event Detection
  - Available

#### Event Trigger Type
- External Device Input, Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Switch
  - Number of Linked Events: 2
  - Linked Event Conditions: ON, OFF (whether or not the input is sequence to events)

#### Image Upload
- FTP / HTTP / SMTP (e-mail)

#### On-Screen Display
- Available

#### Event Notification
- Available

#### Log Notification
- SMTP (e-mail)

#### Enhanced Digital Zoom
- Available

#### Maximum Digital Zoom Magnification Factor
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#### Memory Card
- SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible
  - Recorded Content: Log, Video (Event, Manual, ONVIF, Timer, Upload)

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#### Intelligent Function
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#### Encoder/Decoder
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  - AC Adapter: PA-V18 (100 – 240 V AC) (sold separately)
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  - AC Adapter: Max. approx. 13.5 W (240 V AC)

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  - Camera only (excluding connection header length)

#### Weight
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  - Approx. 3420 g (7.54 lb.)

#### Impact Resistance
- IK10 (20J)

#### Waterproof
- IP66

#### Hydrophobic Coating
- Available

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### VB-R12VE (H2)

#### Audio File Playback
- Available

#### Panorama
- Available

#### Preset
- Number of registers: Max. 256 positions (Home Position)

#### Intelligent Function (Video)
- Moving Object Detection, Abandoned Object Detection, Object Detection, Camera Tampering Detection, Raising Detection, Intrusion Detection, and Auto Tracking

#### Intelligent Function (Audio)
- Volume Detection, Screen Detection, and Event Detection
  - Available

#### Event Trigger Type
- External Device Input, Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Switch
  - Number of Linked Events: 2
  - Linked Event Conditions: ON, OFF (whether or not the input is sequence to events)

#### Image Upload
- FTP / HTTP / SMTP (e-mail)

#### On-Screen Display
- Available

#### Event Notification
- Available

#### Log Notification
- SMTP (e-mail)

#### Enhanced Digital Zoom
- Available

#### Maximum Digital Zoom Magnification Factor
- Available

#### Memory Card
- SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible
  - Recorded Content: Log, Video (Event, Manual, ONVIF, Timer, Upload)

#### Data Size Reduction Level
- 3 levels

#### Intelligent Function
- Available

#### Encoder/Decoder
- Available

#### Operating Environment
- Temperature (including direct sun exposure)
  - Operating Temperature Range (including direct sun exposure)
    - AC: -50°C ~ +55°C (-58°F ~ +131°F)
    - DC: +10°C ~ 0°C
  - Humidity
    - 5% ~ 85% (without condensation)

#### Installation Method
- Ceiling mount / Surface mount
  - Cannot guarantee proper operation if the cameras are installed on surfaces where the angle is more than 45° from horizontal, because this will put a heavy load on sliding mechanical parts and may affect durability.

#### Power Supply
- PoE: PoE power supply via a LAN connector (IEEE802.3at TypeA/2 TypeA compliant)
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- IK10 (20J)

#### Waterproof
- IP66

#### Hydrophobic Coating
- Available

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### Canon Inc. | English edition © Canon Europa N.V. 2019
### Technical Specifications

**VB-R13VE (H2) & VB-R12VE (H2)**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>APPLICATION</strong></td>
<td><strong>VIEWER</strong></td>
<td><strong>VB-R13VE (H2)</strong></td>
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<tr>
<td><strong>Viewer</strong></td>
<td>Camera Viewer</td>
<td>Mobile Camera Viewer</td>
</tr>
<tr>
<td><strong>Camera Software</strong></td>
<td>Camera Management Tool</td>
<td>Recorded Video Utility</td>
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<tr>
<td><strong>Language</strong></td>
<td>German/English/Spanish/French/Italian/Polish/Russian/Turkish/Thai/Korean/Chinese (Simplified)/Japanese</td>
<td>German/English/Spanish/French/Italian/Polish/Russian/Turkish/Thai/Korean/Chinese (Simplified)/Japanese</td>
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<td>Windows 10, Internet Explorer 11/Microsoft Edge/Chrome 65</td>
<td>Windows 10, Internet Explorer 11/Microsoft Edge/Chrome 65</td>
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<tr>
<td><strong>Verified Mobile Devices</strong></td>
<td>Surface, iPad, iPhone, Nexus, Galaxy</td>
<td>Surface, iPad, iPhone, Nexus, Galaxy</td>
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### What’s in the box?

- VB-R13VE (H2) Main Unit/
  - VB-R12VE (H2) Main Unit
- Before Using this Camera
- Safety Precautions
- EAC-Supported Guide
- Power Interface Cable (VB-R13VE (H2))
- Power Interface Cable (Waterproofing) (VB-R13VE (H2))
- LAN Connector Set (Waterproofing) (VB-R12VE (H2))
- I/O Interface Cable (VB-R13VE (H2))
- Wrench
- Installation Guide
- Warranty Card
- Waterproofing Tape

### Dimensions

All dimensions are in mm (in.)

### Compatible Accessories

- **CM10-VB**
  - Ceiling Mounting Kit
- **WM10-VB**
  - Wall Mounting Kit
- **PA-V17 / PA-V18**
  - AC Power Supply
    - Available in Euro 2-Pin & UK 3-Pin plug
- **PA10-15-VB**
  - 1.5 inch Pipe Adapter
- **DU640-S-VB**
  - Smoked Dome Unit
    - (Non-Hydrophilic Coating II)
All-weather and vandal resistant speed domes delivering maximum visual coverage.

Ideal for demanding outdoor applications these Full HD continuous 360° PTZ cameras offer extensive protection, precision control and accurate monitoring.

Sales Start Date: October 2019

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**Product Details:**

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<tr>
<th>Product Name</th>
<th>Mercury Code</th>
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<td>Network Camera VB-R13VE (H2)</td>
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**Optional Accessories:**

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**Measurement / Logistic Information:**

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<th>Width (mm)</th>
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<th>Gross Weight (kg)</th>
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