The VB-H43 Full HD PTZ IP security camera combines a powerful 240x zoom, low-light capability and fast auto-focus. Flexible installation options for indoor and outdoor use.

- Full HD PTZ IP security camera
- Powerful 20x optical zoom lens with 12x digital zoom and fast autofocus
- True Day / Night and two-way audio
- Superior image quality using Canon DIGIC DV III processor
- Canon DIGIC NET II supports dual H.264 video streams (up to 30 fps)
- Superior low-light performance: colour at 0.4 lux and mono at 0.02 lux
- Auto Smart Shade Control (Auto-SSC) improves foreground objects in bright backlit scenes
- Intelligent Functions
- Two colour options: Silver (VB-H43) and Black (VB-H43B)

Product Range

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VB-R11</td>
<td></td>
</tr>
<tr>
<td>VB-H43/B</td>
<td>Full HD PTZ IP security camera</td>
</tr>
<tr>
<td>VB-M42/B</td>
<td></td>
</tr>
<tr>
<td>VB-S30D</td>
<td></td>
</tr>
<tr>
<td>VB-S31D</td>
<td></td>
</tr>
</tbody>
</table>

With DR41-C-VB Indoor Clear Dome Housing
**Technical Specifications**

**Camera**
- **Image Sensor**: 1/3 type CMOS (primary colour filter)
- **Number of Effective Pixels**: Approx. 2.1 million pixels
- **Scanning Method**: Progressive
- **Lens**: 20x optical (12x digital zoom) zoom lens with auto focus
- **Focal Length**: 4.7 (W) – 94 mm (T)
- **I/F-number (W) – F3.5 (T)**
- **Viewing Angle**:
  - For 16:9 aspect ratios: Horizontal: 60.4° (W) – 3.2° (T)
  - Vertical: 35.1° (W) – 1.8° (T)
  - For 4:3 aspect ratios: Horizontal: 46.3° (W) – 2.4° (T)
  - Vertical: 35.1° (W) – 1.8° (T)
- **Day / Night Switch**: Auto / Day Mode / Night Mode
- **Min. Subject Illumination**:
  - Day Mode (colour): 0.4 lux (F1.6, shutter speed 1/30 sec, when SSC is off, SOIREE: 0.05 lux (F1.6), shutter speed 1/2 sec, when SSC is off, SOIREE: 0.01 lux (F1.6), shutter speed 1/2 sec, when SSC is on, SOIREE: 0.002 lux(F1.6, shutter speed 1/2 sec, when SSC is off, SOIREE: 0.003 lux (F1.6, shutter speed 1/2 sec, when SSC is on, SOIREE: 0.001 lux)
  - Night Mode (monochrome): 0.02 lux (F1.6, shutter speed 1/30 sec, when SSC is off, SOIREE: 0.002 lux (F1.6, shutter speed 1/2 sec, when SSC is off, SOIREE: 0.003 lux (F1.6, shutter speed 1/2 sec, when SSC is on, SOIREE: 0.001 lux)
- **Focus**: Auto / One-shot AF / Manual / Fixed at infinity
- **Shooting Distance**:
  - Day Mode: 0.2 m (12") – infinity (W), 1.0 m (33.8") – infinity (T)
  - Night Mode: 1.0 m (3.3") – infinity (W), 15 m (49.2") – infinity (T)
- **Shutter Speed**: 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec.
- **Exposure**:
  - Manual: 7 levels
  - Auto: 3 levels
  - Manual: 7 levels
- **White Balance**
  - Auto / Light Source (Daylight / Fluorescent / Warm Fluorescent / Mercury Lamp / Sodium Lamp / Halogen Lamp) / Manual (One-shot WB / B权 / Gain / Gain)
- **Metering Modes**
  - Center-weighted / Average / Spot
- **Exposure Compensation**: 9 levels
- **Smart Shade Control**: Auto / Manual / Dis tally Auto / Auto
- **Haze Compensation**: Auto / Manual / Dis tally Auto / Auto
- **Auto Iris Limit**: 9 levels
- **Image Stabilizer**: 2 levels (digital)
- **Pan Angle Range**: 340° (±170°)
- **Tilt Angle Range**: 100° (tilting mounted position: -90° – 10°) – When the horizontal direction of the camera is 0°
- **Zooming Speed**: Pan: Max. 150/sec., Tilt: Max. 100/sec.

**Server Unit**
- **Video Compression**
  - JPEG, H.264
- **Video Size**
  - H.264: 1920 x 1080, 640 x 480, 320 x 240
  - JPEG: 360 x 240, 960 x 540, 1280 x 960
- **Video Quality**
  - JPEG: H.264: 5 levels
- **Frame Rate**
  - JPEG: 0.1 – 30 fps
  - H.264: 1/2/3/5/6/10/15/30 fps
- **Max. Frame Rate**: When streaming JPEG, H.264: 30 fps
- **Max. Framerate (W) – F3.5 (T)**
  - When used in the following combination:
  - When streaming JPEG (1920 x 1080): 60 fps
  - When streaming H.264 (1920 x 1080): 30 fps
  - When streaming JPEG (640 x 480): 120 fps
  - When streaming H.264 (640 x 480): 60 fps
- **I-Fram Interval**
  - 0.5/1.5/2.5/2.5/4/5 sec.
- **Simultaneous Client Access**
  - Max. 30 Clients / Max 10 Clients
- **Camera Control**: Administrator, User, Guest user
- **Access Control**: Max. 50 users and passwords registered for authorized users
- **Audio Input**: 3.5 mm (min) jack connector (consumer)
- **Audio Output**: 3.5 mm (min) jack connector (consumer)
- **Power Consumption**: Max. approx. 9.2 W
- **Power Supply**: PoE power supply via LAN connector (IEEE802.3af compliant)
- **Operating Environment**: Temperature: -10°C – +50°C (+14°F – +122°F)
- **Humidity**: 95% (no condensation)
- **Dimensions**: 161 (6.34) x 112.5 (4.43) x 90 (3.55) x 5.20 x 6.10 in.)
- **Weight**: 6 lbs
- **Connectivity**: RJ45, 10Base-TX (Auto / Full-duplex / Half-duplex)
- **Power Connection Terminal**: 12V DC / 24V AC
- **Audio Input**: 3.5 mm mono mini-jack
- **Audio Output**: 3.5 mm mono mini-jack
- **Memory Card Slot**: SDHC and SDXC Memory Card compatible

**Password Management**
- **Number of Registration**: Max. 8 places
- **Number of Mask Colours**: 1
- **Privacy Mask Setting Tool**: Available

**Privacy Mask Setting Tool**
- **Available**: (audio files can be played back when an event is triggered by the intelligent function or external device input.)
  - Includes pre-set privacy area and speaker

**Privacy Mask**
- **Available**: Number of registration: Max. 8 places, number of mask colours: 1 (select from 2 colours)

**View Restriction**
- **Available**: Max. 44 positions

**Event Trigger**
- **Type**: External Device Input, Intelligent Function (Video), Intelligent Function (Volume)
• Keep every angle covered

The VB-H43 Full HD PTZ IP security camera combines a powerful 240x zoom, low-light capability and fast auto-focus. Flexible installation options for indoor and outdoor use.

Sales Start Date: December 2014

Product Details:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Mercury Code</th>
<th>EAN Code</th>
<th>Recommended Retail Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network Camera VB-H43</td>
<td>9902B001AA</td>
<td>4549292025569</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>Network Camera VB-H43B</td>
<td>9902B002AA</td>
<td>4549292025583</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
</tbody>
</table>

Optional Accessories:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Mercury Code</th>
<th>EAN Code</th>
<th>Recommended Retail Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Adapter PA-V18 (E)</td>
<td>8362B002AA</td>
<td>4960999986791</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>AC Adapter PA-V17 (GB)</td>
<td>2245B003AA</td>
<td>8714574559469</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>Indoor Dome Housing (DR41-C-VB)</td>
<td>6816B001AA</td>
<td>496099994558</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>Indoor Dome Housing (DR41-S-VB)</td>
<td>6816B002AA</td>
<td>496099994565</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>Ceiling Mount Cover (SS40-S-VB)</td>
<td>4962B001AA</td>
<td>4960999686721</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>Ceiling Mount Cover (SS40-B-VB)</td>
<td>4962B002AA</td>
<td>4960999688794</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
<tr>
<td>Pendant Mounting Kit (PC600-VB)</td>
<td>9918B001AA</td>
<td>4549292022551</td>
<td>&lt;Please fill in RRP&gt;</td>
</tr>
</tbody>
</table>

Measurement / Logistic Information:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Mercury code</th>
<th>Pack type</th>
<th>Pack description</th>
<th>Quantity par pack</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Net Weight (Kg)</th>
<th>Gross Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network Camera VB-H43</td>
<td>9902B001AA</td>
<td>EA</td>
<td>Each</td>
<td>1</td>
<td>228</td>
<td>186</td>
<td>209</td>
<td>Approx. 1.14</td>
<td>Approx. 1.61</td>
</tr>
<tr>
<td>Network Camera VB-H43B</td>
<td>9902B002AA</td>
<td>CT</td>
<td>Carton</td>
<td>4</td>
<td>440</td>
<td>394</td>
<td>268</td>
<td>Approx. 4.56</td>
<td>Approx. 7.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EP</td>
<td>Euro Pallet</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

What’s in the box?

- VB-H43 Main Unit
- Power Connector
- Setup CD-ROM
- Installation Guide
- Warranty Card
- Notice