The VB-H630VE Full HD fixed dome IP security camera with vandal-resistant and IP66 rated body is ideal for harsh outdoor conditions. Monitor and record activity day and night with an ultra-wide 111° field of view.

• Full HD vandal-resistant, IP66 and IK10 compliant fixed dome IP security camera
• 3x optical zoom lens with ultra-wide 111° field of view
• 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)
• Remote Pan / Tilt / Rotate / Zoom (PTRZ) function reduces installation time
• Superior low-light performance: colour at 0.3 lux and mono at 0.015 lux
• Auto Smart Shade Control (Auto-SSC) improves foreground objects in bright backlit scenes
• Low operating temperature of down to -30°C (with optional heating unit)
• Intelligent Functions

Product Range
VB-M641VE
VB-M640VE
VB-H630VE
VB-M620VE

Canon
## Technical Specifications

### Image Sensor
- 1/3 type CMOS (primary colour filter)
- Approx. 2.3 million pixels

### Scanning Method
- Progressive

### Focal Length
- 2.8 (W) – 8.4 mm (T)
- (W): maximum side angle (T): maximum telephoto

### View Angle
- For 16:9 aspect ratios: Horizontal: 110° (W) – 36.5° (T)
- For 4:3 aspect ratios: Horizontal: 81.2° (W) – 23.7° (T)
- Vertical: 16.0° (W) – 20.5° (T)

### Day / Night Switch
- Auto / Day Mode / Night Mode

### Min. Subject Illumination
- Day Mode (colour): 0.5 lux (F1.2, shutter speed 1/30 sec., when SSC is off: SO4E)
- Day Mode (monochrome): 0.008 lux (F1.2, shutter speed 1/2 sec., when SSC is on: SO4E)
- Night Mode (monochrome): 0.015 lux (F1.2, shutter speed 1/30 sec., when SSC is off: SO4E)
- 0.005 lux (F1.2, shutter speed 1/2 sec., when SSC is on: SO4E)

### Focus
- One-shot AF / Manual / Fixed at infinity

### Shading Correction (from front of lens)
- Day Mode: 0.3% (1.5 μm – infinity)
- Night Mode: 1.0% (1.5 μm – infinity)

### Shutter Speed
- 1/2, 1/4, 1/8, 1/10, 1/20, 1/40, 1/60, 1/100, 1/200, 1/400, 1/1000, 1/2000, 1/4000, 1/8000 sec.

### Exposure
- Auto / Auto (PILcher) / Auto / Shutter-priority AE / Manual

### White Balance
- Auto / Auto (Dynamic) / Daylight / Fluorescent / White Fluorescent / Warm Fluorescent / Manual / Lamp / Indoor Lamp / Halogen / Lamp / Manual (One-shot WB) / Gain 1 / Gain 2 / Gain 3

### Metering Mode
- Center-weighted / Average / Spot

### F-Number
- F1.2 (W) – F2 (T)

### Focal Length
- 2.8 (W) – 8.4 mm (T)

### Shooting Distance (from front of lens)
- 0.3 m (12 in.) – infinity

### Audio Compression Method
- G.711 μ-law (64 kbps)

### SD Memory Card
- SD, SDHC and SDXC Memory Card compatible

### Audio Output
- 3.5 mm (0.14 in.) mini-jack connector (monaural)

### Network Terminal
- IPv4: TCP / IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), DDNS (Client), DHCIPv6 (Client), DNS (Client), RSVP, ICMPv6, PDPs, NTP, SNMP, RTSP, HTTP, HTTPS (Common protocol), ONVIF

### Protocols
- IPv4: TCP / IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), DDNS (Client), RSVP, ICMPv6, PDPs, NTP, SNMP, RTSP, HTTP, HTTPS (Common protocol), ONVIF

### Power Connection
- Terminal 12V DC / 24V AC

### Network Interface
- RJ45, 100Base-TX (Auto / Full-duplex / Half-duplex)

### Audio Input / Output
- 3.5 mm mono mini-jack (via supplied interface cable)

### Dimensions
- All dimensions are in mm

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### Connectivty

1. **Network Interface**
   - RJ45, 100Base-TX (Auto / Full-duplex / Half-duplex)

2. **Power Connection**
   - Terminal 12V DC / 24V AC

3. **Audio Input / Output**
   - Individual 3.5mm mono mini-jack (via supplied interface cable)

4. **External Device I/O**
   - 2 Inputs / 2 Outputs

5. **Memory Card Slot**
   - SDHC and SDXC Memory Card compatible

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**Canon.com**

**Canon Europe**

**canon-europe.com**

**English edition © Canon Europe N.V./S.A.**
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Sales Start Date: December 2014

Product Details:

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What’s in the box?

- VB-H630VE Main Unit
- Power Connector
- Safety Wire
- Audio Interface Cable
- Template
- Dome case lock screw wrench
- Setup CD-ROM
- Installation Guide
- Warranty Card
- Notice