The VB-H630D Full HD fixed dome IP security camera is ideal for indoor conditions. Monitor and record activity day and night with an ultra-wide 111° field of view.

- Full HD 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
- Intelligent Functions

Product Range

- VB-M641V
- VB-M640V
- VB-H630D
- VB-M620D
- VB-S800D
- VB-S805D
### Technical Specifications

#### IMAGE SENSOR
- **Image Sensor**: 1/3 type CMOS (primary colour filter)
- **Number of Effective Pixels**: Approx. 2.1 million pixels
- **Scanning Method**: Progressive
- **Lens**: 3x optical (4x digital zoom) zoom lens (electric drive)
- **Focal Length**: 2.8 (W) – 8.4 (T) mm (When using zoom lens, image裁剪倍率)
- **F-number**: F1.2 (W) – F2.0 (T)
- **Viewing Angle**: For 16:9 aspect ratios: Horizontal: 110° (W) – 36.5° (T) Vertical: 60.1° (W) – 20.3° (T)
- **Day/Night Switch**: Auto / Day Mode / Night Mode
- **Min. Subject Illumination**: Day Mode (colour): 0.3 lux (F1.2, shutter speed 1/30 sec., when SSC is off, SOIRED) 0.02 lux (F1.2, shutter speed 1/2 sec., when SSC is off, SOIRED) 0.008 lux (F1.2, shutter speed 1/2 sec., when SSC is on, SOIRED) Night Mode (monochrome): 0.075 lux (F1.2, shutter speed 1/30 sec., when SSC is off, SOIRED) 0.0015 lux (F1.2, shutter speed 1/2 sec., when SSC is off, SOIRED) 0.0005 lux (F1.2, shutter speed 1/2 sec., when SSC is on, SOIRED)

#### Camera Management Tool
- **Viewing Angle**: 350° (±175°)
- **Focus**: One-shot AF / Manual / Fixed at infinity

#### Camera Control
- **Auto IP**: Available
- **Audio Compression Method**: G.711 (law) (64 kbps)
- **Audio Communication Method**: Full-duplex (transceive) – Echo cancellation function compliant
- **Audio File Playback**: Available (audio files can be played back when an event is triggered by the intelligent function or external device input.) Requires User to use proper audio & speaker
- **Privacy Mask**: Number of registration: Max. 8 places, number of mask colours: 1 (select from 9 colours)
- **Presets**: Max. 20 positions

#### Intelligent Function
- **Intelligent Event Triggering**: Video: Detection Types: moving object detection, abandoned object detection, removed object detection, camera tampering detection, and passing detection
- **Intelligent Event Detection Settings**: Max. 10 Volume: Volume Detection
- **Event Trigger Type**: External Device Input, Intelligent Function (Video), Intelligent Function (Volume), Timer
- **Image Upload**: T/FT/ST/T FTP (mail) Temporary storage memory in camera: Max. approx. 5 MB
- **Frame Rate**: Max. 10 fps (JPEG)
- **Max. 30 fps (H.264)

#### Daylight Saving Time
- **Available**: Off / Auto / +1h / +2h

#### Custom Settings
- **Number of registration**: 4
- **Items to Reg.**: Exposure, Smart Shade Control, Haze Compensation, Focuse, White Balance, Image Quality Adjustment, Day / Night

#### APPLICATION
- **Camera-side**: Admin Viewer
- **Admin Tools**: Privacy Mask Setting Tool, Preset Setting Tool, Intelligent Function Setting Tool
- **Log Viewer**: Recorded Video Utility
- **Included Software**: Camera Management Tool
- **Language**: German / English / Spanish / French / Italian / Russian / Turkish / Chinese (Simplified) / Japanese

#### INTERFACE
- **Network Terminal**: LAN x 1 (RJ45, 100Base-TX (auto / full-duplex / half-duplex))
- **Audio Input Terminal (common for LINE IN & MIC IN)**: Ø3.5 mm (Ø2.14 mm in) mini-jack connector (monaural)
- **Memory Card**: SD Memory Card, SDHC Memory Card, SDXC Memory Card
- **Power Supply**: – Connect via an audio interface cable (included)
- **Power Consumption**: – Connect via an audio interface cable (included)
- **Dimensions**: 3.5 mm (0.14 in.) mini-jack connector (monaural)
- **Memory Card**: SD Memory Card, SDHC Memory Card, SDXC Memory Card
- **Weight**: Approx. 1100 g (2.43 lbs.)

#### Connectivity
- **Network Interface**: RJ45, 100Base-TX (Auto / Full-duplex / Half-duplex)
- **Power Connection**: Terminal 12V DC / 24V AC
- **Audio Input / Output**: Individual 3.5mm mono mini-jack (via supplied interface cable)
- **External Device I/O Terminal**: Input x 2, Output x 2
- **Memory Card Slot**: SD, SDHC and SDXC Memory Card compatible

### Dimensions

All dimensions are in mm

#### Camera Angle Setting Tool
- **Max. 50 user names and passwords registered for authorized users (varies depending on user)

#### Privacy Mask Setting Tool
- **Max. 50 user names and passwords registered for authorized users
- **Max. 10 Clients + 1 Admin Client

#### Recorded Video Utility
- **LINE OUT 1 (connect to an amplifier speaker)

#### Memory Card
- **Max. 30 Clients + 1 Admin Client

#### Power Supply
- **POE + POE power supply via LAN connector (IEEE802.3af compliant)

#### Power Consumption
- **Max. approx. 7.8 W

#### Dimensions
- **Memory Bank**: 16 GB (320 x 140 x 5.5 ± 0.5 mm)

#### Weight
- **All data is based on Canon standard testing methods except where indicated. Subject to change without notice. All dimensions and weights are approximate and/or registered trademarks of their respective manufacturers in their markets and/or countries.

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• Keep every angle covered

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Sales Start Date: December 2014

Product Details:

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What’s in the box?

• VB-H630D Main Unit
• Power Connector
• Safety Wire
• Audio Interface Cable
• Template
• Setup CD-ROM
• Installation Guide
• Warranty Card
• Notice