The VB-M620D 1.3 MP 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.

- 1.3 MP 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

### CAMERA
- **Image Sensor**: 1/3 type CMOS (primary colour filter)
- **Number of Effective Pixels**: Approx. 1.3 million pixels
- **Scanning Method**: Progressive
- **Lens**: 3x optical (10x digital zoom) zoom lens (electric drive)
- **Focal Length**: 2.8 (W) ~ 8.4 mm (T)
- **(W) maximum wide angle, (T) maximum telephoto
- **F-number**: F1.2 (W) ~ F2.0 (T)
- **Viewing Angle**: For 16:9 aspect ratios: Horizontal: 31.0° (W) ~ 23.7° (T)
  Vertical: 20.1° (W) ~ 14.4° (T)
- **Day / Night Switch**: Auto / Day Mode / Night Mode

### Min. Subject Illumination
- **Day Mode**: 0.1 lx (F1.2, shutter speed 1/30 sec., when SSC is off, S0IRE:0.008 lux (F1.2, shutter speed 1/2 sec., when SSC is on, S0IRE:0.006 lux) (monochrome)
- **Night Mode**: 0.03 lx (F1.2, shutter speed 1/30 sec., when SSC is off, S0IRE:0.001 lux (F1.2, shutter speed 2 sec., when S0IRE is off, S0IRE:0.0005)

### Focusing
- **Focusing**: One-shot AF / Manual / Fixed at infinity

### Shooting Distance
- **Auto**: 0.5 (W) ~ infinity
- **Night Mode**: 1.0 (W) ~ 5.5 (T)

### Shutter Speed
- **Auto**: 1/8000, 1/4000, 1/2000, 1/1000, 1/500, 1/250, 1/125, 1/60, 1/30, 1/15, 1/8, 1/4, 1/2, 1 sec.
- **Manual**: 1/2000, 1/4000, 1/8000, 1/10000, 1/16000 sec.

### Exposure
- **Auto / Auto (Flickerless) / Auto (Shutter Speed, Aperture, Gain)

### White Balance
- **Auto**: Light Source (Daylight Fluorescent / Warm Fluorescent / Warm White Fluorescent / Fluorescent Lamp / Halogen Lamp / Manual (One-shot WB / R Gain / G Gain)

### Metering Mode
- **Auto / Manual / Disable

### Exposure Compensation
- **Auto / Manual / Disable

### Smart Shade Control
- **Auto / Manual / Disable

### Haze Compensation
- **Auto / Manual / Disable

### AGC Limit
- **Auto / Manual / Disable

### Tilt Angle Range
- **Auto**: 150° (±175°)
- **Manual**: 150° (±75°)

### Rotation Angle Range
- **Auto**: 360° (±175°)
- **Manual**: 360° (±75°)

### Moving Speed
- **Pan Speed**: 107°/sec., 12°/6°/sec., Rotation: 25.9°/sec.

### Simultaneous Client Access
- **Auto**: 50 Clients / 1 Admin Client
- **Manual**: Max. 10 Clients

### Camera Control
- **Auto**: Administrator, Authorized user, Guest user (level of control varies depending on user)

### Access Control
- **Auto**: User name and passwords registered for authorized users.

### Encrypted Communications
- **SSL / TLS / IPv6 (IPv6 Key Exchange / Manual)

### IEEE802.3TX
- **Protocol**: IPv4: TCP / IP, UDP, HTTP, FTP, SMTP / POP3 / IMAP, DCCP (Client), DCCP (Server), DCCP (DNS, Client), DCCP (DNS, Server), DCCP (mDNS, AODV (CMX), POP3, NTP, RCFG, RTSP, W3/HTTP (Canon proprietary), ONVIF)
- **IPv6**: TCP / IP, UDP, HTTP, FTP, SMTP, Client), DHCPv6 (Client), DCCP (DNS, Client), mDNS, KCMv6, POP3, NTP, RTSP, RCFG, RTSP, W3/HTTP (Canon proprietary), ONVIF

### AutoIP
- **AutoIP**: Available

### Audio Compression Method
- **Application**: Full-duplex (two-way) ~ Echo cancellation function compliant

### Audio File Playback
- **Application**: 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 colours: 1 (select from 8 colours)

### Pre-set
- **Max.**: 20 positions

### Intelligent Function
- **Video**: Detection Types: moving object detection, abandoned object detection, removed object detection, camera tampering detection, and passing detection

### Event Trigger Setting
- **External Device Input**: Available
- **Intelligent Function**: Available
- **Video**: Video Function (Volume), Timer

### Event Upload
- **FTP**: Available
- **HTTP**: Available
- **SMTP**: Available

### Event Notification
- **HTTP / SMTP / e-mail**: Available

### Event Cropping Function
- **Digital / Fit to Picture**: Cropping sizes: 640 x 360 / 512 x 288 / 384 x 216 / 256 x 144 / 128 x 72 / 64 x 480 / 512 x 384 / 288 x 192 / 128 x 96

### On-Screen Display
- **Available

### Daylight Saving Time
- **Available

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

### APPLICATION
- **Viewer**: Camera-side: Admin Viewer
- **Via**: Admin Tools

### Administrator Tools
- **Privacy Setting Tool**: Intelligent Function Setting Tool
- **Log Viewer**: Recorded Video Utility

### Included Software
- **Camera Management Tool**: RM-Lite
- **Privacy Authentication Admin Tools / Admin Viewer**: Admin Viewer
- **Camera Angle Setting Tool**

### Language
- **German / English / Spanish / French / Italian / Russian / Turkish / Chinese (Simplified) / Japanese

### INTERFACE
- **Network Terminal**: LAN x 1 (IEEE 802.3af compliant)
- **Audio Input Terminal (common for LINE IN & MIC IN)**
  - **LINE IN**: Max. 50 mW (16 Ohms)
  - **MIC IN**: Max. 320 mV
- **Audio Output Terminal (LINE OUT)**
  - **LINE OUT**: Max. 150 mW (16 Ohms)
  - **MIC OUT**: Max. 320 mV
- **External Device I/O Terminal**
  - **Input x 2 / Output x 2

### Memory Card
- **Memory Card**: SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible
- **Frame Rate**: Max. 1 fps (JPEG)
- **Max. 30 fps (H.264)

### OTHERS
- **Operating Environment**: Temperature: -10°C ~ +50°C (14°F ~ 122°F)
  - **Humidity**: 5% ~ 95% (without condensation)
  - **Power Supply**: PoE (power over power supply via LAN connector (IEEE 802.3af compliant)
    - **AC Adapter**: PA-V17 or PA-V18 (100 ~ 240 V AC) (sold separately)
  - **Power Consumption**: 24 V AC / 12 V DC

### Dimensions
- **All dimensions**: in Canon standard testing methods except where indicated.
  - **Weight**: Approx. 109 g (3.83 fl oz.)
  - **Dimensions**: (W) x (H) x (D): 140 mm (5.51 mm)
What’s in the box?

- VB-M620D Main Unit
- Power Connector
- Safety Wire
- Audio Interface Cable
- Template
- Setup CD-ROM
- Installation Guide
- Warranty Card
- Notice

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Sales Start Date: December 2014