The VB-M42 1.3 MP PTZ IP security camera combines a powerful 240x zoom, excellent low-light capability and fast auto-focus. Flexible installation options for indoor and outdoor use.

• 1.3 MP 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-M42) and Black (VB-M42B)

Product Range
VB-R11
VB-H43/B
VB-M42/B
VB-S30D
VB-S31D

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. 1.3 million pixels
- **Scanning Method**: Progressive
- **Focal Length**: 4.7 mm - 94 mm (T)
- **Viewing Angle**: For 16:9 aspect ratios: Horizontal 69.4° (W) - 3.2° (T)  
  Vertical: 35.1° (W) - 1.8° (T)
- **F-number**: F1.6 (W) - F3.5 (T)
- **Shooting Distance (from front of lens)**: Day Mode: 0.3 m (12") - infinity (W) 1.0 m (3.3") - infinity (T)  
  Night Mode: 1.0 m (3.3") - infinity (W) 1.5 m (4.9") - infinity (T)
- **Day / Night Switch**: Auto / Day Mode / Night Mode
- **Light Source**: Daylight Fluorescent / White Fluorescent / Warm Fluorescent / Mercury Lamp / Halogen Lamp  
  (Manual: One-shot W/B Gain / Gain)
- **Auto / Manual / Disable**: Auto / One-shot AF / Manual / Fixed at infinity
- **Tilt Angle Range**: Vertical: 35.1° (W) – 1.8° (T)  
  Horizontal: 60.4° (W) – 3.2° (T)
- **Max. 30 Clients + 1 Admin Client**: Max. 30 Clients + 1 Admin Client
- **Number of registration**: Max. 8 places, Number of mask colours: 1
- **List of manufacturers**: Canon Europe
- **All data is based on Canon standard testing methods except where indicated.**
- **Subject to change without notice.**

#### Audio

- **Input x 2, Output x 2**: Input x 2, Output x 2
- **Volume**: Setting Tool, Day / Night, Volume Adjustment
- **Audio Compression Method**: AUTO / WMA / MP3 / AAC-LC / AAC
- **Audio Communication**: Setting Tool, Camera Control, Day / Night
- **Audio Communication**: Setting Tool, Camera Control, Day / Night
- **AutoIP**: Available
- **Audio Compression Method**: G.711 (a-law), G.711 (mu-law)
- **Audio Communication Method**: Full-duplex (twoway)  
  - Echo cancellation function compliant
  - Sound Transfer Protocol by Canon
- **Audio File Playback**: Available (audio files can be played back when an event is triggered by the intelligent function or external device input.)  
  - Requires third-party audio files
- **Privacy Mask**: Number of registration: Max. 8 places, Number of mask colours: 1
- **View Restriction**: Available
- **Pre-set**: Max. 64 positions

#### Intelligent Function

- **Function**: Video, Detection Types: moving object detection, abandoned object detection, removal object detection, camera tampering detection, and passing detection
- **Detection Settings**: Max. 15

#### Event Trigger Type

- **External Device Input**: External Device Input, Intelligent Function (Video), Intelligent Function (Volume), Timer
- **Image Upload**: FTX / FTP / SMTP (e-mail)
- **Screen On-Demand**: Available
- **Daylight Saving Time**: Available

#### Power Consumption

- **Power Consumption**: Approx. 1.3 million pixels
- **Power Supply**: DC 12V (500 mA max.)
- **Power Consumption**: External power source: 24 V AC/12 V DC
- **Power Consumption**: Full-duplex (two-way) – Echo cancellation function compliant
- **Camera Control**: Intelligent Function, Audio Communication

#### Dimensions

- **Dimensions**: 305 x 37 x 161 mm (W x H x D)

#### Connectivity

- **Network Interface**: RJ-45, 100Base-TX (Auto / Full-duplex / Half-duplex)
- **Power Connection Terminal**: 12V DC / 24V AC
- **Audio Input**: 3.5mm mini monaural jack
- **Audio Output**: 3.5mm mini monaural jack
- **External Device I/O**: 2 inputs / 2 outputs
The VB-M42 1.3 MP PTZ IP security camera combines a powerful 240x zoom, excellent low-light capability and fast auto-focus. Flexible installation options for indoor and outdoor use.

Sales Start Date: December 2014

Product Details:

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Optional Accessories:

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Measurement / Logistic Information:

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What’s in the box?

- VB-M42 Main Unit
- Power Connector
- Setup CD-ROM
- Installation Guide
- Warranty Card
- Notice