The VB-M44 1.3 MP PTZ IP security camera combines a powerful 400x zoom, excellent low-light capability and fast auto-focus. Flexible installation options for indoor use.

- 1.3 MP PTZ IP security camera
- Powerful 20x optical zoom lens with 20x digital zoom and fast autofocus
- 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 0.05 lux and mono at 0.003 lux
- Auto Smart Shade Control (Auto-SSC) improves foreground objects in bright backlit scenes
- Motion Adaptive Noise Reduction and Area-Specific Data Size Reduction (ADSR) help reduce data size while optimising image quality
- Built-in analytics functions for intelligent and efficient alarm detection
- Live monitoring and configuration on supported web browsers and mobile devices
- ONVIF® Profile compliant
- Two colour options: Silver (VB-M44) and Black (VB-M44B)
Technical Specifications

**Camera**

- **Image Sensor**: 1/3 type CMOS (primary colour filter)
- **Number of Effective Pixels**: Approx. 1.5 million pixels
- **Scanning Method**: Progressive
- **Lens**: 20x optical (20x digital zoom) lens with auto focus
- **Focal Length**: 4.7 (W) - 94 mm (T)
- **Viewing Angle**:
  - For 16:9 aspect ratios: Horizontal 60.4° (W) - 3.2° (T)
  - Vertical: 35.1° (W) - 1.8° (T)
- **F-number**: F1.6 (W) - F3.5 (T)
- **Day/Night Switch**: Auto / Day Mode / Night Mode
- **Min. Subject Illumination**:
  - 0.003 lux (F1.6, shutter speed 1/30 sec., when smart shade control is off; 50IRE)
  - 0.003 lux (F1.6, shutter speed 1/30 sec., when smart shade control is on; 50IRE)
- **Focus**:
  - Auto / One-shot AF / Manual / Fixed at infinity
- **Shooting Distance (from front of lens)**:
  - Day Mode: 0.3 m (12") - Infinity (W), 1.0 m (3.9") - Infinity (T)
  - Night Mode: 1.0 m (3.9") - Infinity (W), 1.5 m (4.9") - Infinity (T)
- **Shutter Speed**: 1/500 / 1/400 / 1/300 / 1/200 / 1/100 / 1/50 / 1/60 sec.
- **Exposure**:
  - Auto / Auto (Fixed Video Gain) / Auto (Shutter-priority AE) / Auto (Aperture-priority AE) / Manual (Shutter Speed, Aperture, Gain)
- **White Balance**:
  - Auto / Manual / Daylight Fluorescent / White Fluorescent / Warm Fluorescent / Mercury Lamp / Sodium Lamp / Halogen Lamp
- **Macro**:
  - Manual: 1 - 40 cm (W) / 3 - 80 cm (T)
  - AUTO: 30 cm (W) / 60 cm (T)
- **Viewing Angle**:
  - Horizontal: 46.3° (W) – 2.4° (T)
  - Vertical: 35.1° (W) – 1.8° (T)
- **Audio Compression Method**: 
  - Sample rate: 48 kbps
  - Bit rate: 0.256 kbps
  - Codec: G.711 (µ-law / A-law)
- **Haze Compensation**: Manual: 7 levels
- **Smart Shade Control**: Manual: One-shot WB/R Gain/B Gain
- **Image Stabilizer**: 3-axis (W), 2-axis (T)
- **Night Mode (monochrome)**:
  - 0.003 lux (F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE)
- **Day Mode (colour)**:
  - 0.5 lux (F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE)
- **Pan/tilt Angle Range**:
  - Horizontal: 46.3° (W) – 2.4° (T)
  - Vertical: 35.1° (W) – 1.8° (T)
- **Moving Speed**:
  - Pan: Max. 0.5°/sec. / Tilt: Max. 0.5°/sec.

**Server IO**

- **Video Compression Method**: JPEG
- **Video Size**: 1280 x 960, 640 x 480, 320 x 240
- **Video Quality**: 4:4:4, 4:2:2, 4:2:0
- **Power Consumption**: Max. approx. 9.2 W
- **Power Supply**: PoE power supply via LAN connector (IEEE802.3at)
- **Dimensions**: 175 (6.9") x 112.5 (4.4") x 180 (7.1") (when lens is horizontal)
- **Weight**: Approx. 1.4 kg (3.1 lb)
- **Interface**:
  - Power 12V DC / 24V AC
- **Audio Output Terminal**: LINE IN (connect to an amplifier microphone) or MIC IN (connect to a microphone)

**Connectivity**

- **Network Interface**: RJ45, 100Base-TX (Auto / Full-duplex / Half-duplex)
- **Power Connector Terminal**: 12V DC / 24V AC
- **Audio Input**: 3.5mm mono mini-jack
- **Audio Output**: 3.5mm mono mini-jack
- **External Device I/O**: 2 x Inputs / 2 x Outputs
- **Event Notification Type**: External Device Input, Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Mode Switching

**Specifications**

- **Video Compression Method**: JPEG, H.264
- **Video Size**: 1280 x 960, 640 x 480, 320 x 240
- **Video Quality**: 4:4:4, 4:2:2, 4:2:0
- **Video Compression Method**: JPEG, H.264
- **Moving Speed**: Max. 30 fps (H.264)
- **Power Consumption**: Max. approx. 9.4 W (240 V AC)
- **Dimensions**: 175 (6.9") x 112.5 (4.4") x 180 (7.1") (when lens is fully vertical)

**Language**

- Primary language: English
- Other languages: German, English, French, Italian, Dutch, Spanish, Russian, Portuguese, Chinese, Japanese, Korean, Thai, Turkish

**Accessories**

- Camera management tool: Camera Management Tool RM-Lite
- Recorded video: Recorded Video Utility
- On-screen display: Assist Tool
- Recorded video service: Recorded Video Service

- Additional information can be found on the Canon website at canoneurope.com.
Keep every angle covered

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Sales Start Date: Q1, 2018

**Product Details:**

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**Optional Accessories:**

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**What’s in the box?**

- VB-M44 Main Unit
- Power Connector
- Installation Guide
- Warranty Card
- Before Using this Camera
- EAC-Supported Guide