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 million pixels
- **Scanning Method**: Progressive
- **Lens**: 20x optical zoom (20x digital zoom) lens with auto focus
- **Focal Length**: 4.7 (W) – 94 mm (T)
- **F-number**: F1.6 (W) – F3.5 (T)
- **Viewing Angle**
  - For 16:9 aspect ratios: Horizontal: 69.4° (W) – 3.2° (T)
  - For 4:3 aspect ratios: Horizontal: 46.3° (W) – 2.4° (T)
- **Day / Night Switch**
  - Auto / Day Mode / Night Mode
- **Min. Subject Illumination**
  - Auto: 0.05 lux (F1.6, shutter speed 1/30 sec., when smart shade control is off, 50IRE)
  - Night Mode (monochrome): 0.003 lux (F1.6, shutter speed 1/30 sec., when smart shade control is off, 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 (3.3") – infinity (T)
  - Night Mode: 1.0 m (3.3") – infinity (W), 1.5 m (4.9") – infinity (T)
- **Shutter Speed**
  - Manual: 7 levels
  - Auto: 3 levels
- **Exposure**
  - Manual: 6 levels
  - Auto / Manual / Day Mode / Night Mode
- **White Balance**
  - Manual / Daylight / Fluorescent / Cloudy / Fluorescent / Warm Fluorescent / Mercury Lamp
- **Metering Modes**
  - Center-Weighted / Average / Spot
- **Video**:
  - Available
- **Number of Effective Pixels**: Max. 30 Clients + 1 Admin Client
- **F-number**: F1.6 (W) – F3.5 (T)
- **Pan Angle Range**: 240° (210°)
- **Tilt Angle Range**: 100° (ceiling-mounted position: 90° – 101°)
- **Moving Speed**
  - Pan: Max. 150°/sec., Tilt: Max. 150°/sec.
- **Image Stabilizer**: On
- **Haze Compensation**: Off
- **Support Codec**: JPEG, H.264
- **Max. Frame Rate**
  - Video: Max. 30 fps (H.264)
  - Image: Max. 30 fps (JPEG)
- **Video Quality**
  - JPEG: H.264
  - H.264
- **External Device I/O Terminal**
  - Audio Output Terminal (LINE OUT)
  - Audio Input Terminal
- **Memory Card**
  - SD Memory Card, SDHC Memory Card, SDXC Memory Card
- **Power Supply**
  - Type 1 compliant: PA-V18 (100 – 240 V AC) (sold separately)
- **Internal Memory**: Approx. 4 GB
- **On-Screen Display**
  - Daylight Saving Time
  - Time
- **Audio Communication Method**
  - Full-duplex (two-way)/half-duplex
- **Audio File Playback**
  - Available (audio files can be played back when an event is triggered by the intelligent function or external device input.)
- **View Restriction**
  - Available
- **Supported Languages**
  - German / English / French / Italian / Polish / Russian / Turkish / Thai / Chinese (Simplified) / Japanese
- **Weight**
  - Max. 30 lbs (13.6 kg)

#### Connectivty
- **Network Interface**: RJ45, 100Base-TX (Auto / Full-duplex)
- **Power Connection Terminal**: 24 V DC
- **Power Consumption**
  - When using AC Adapter: PA-V18: Max. approx. 9.2 W (240 V AC)
  - Max. approx. 9 W (240 V AC)
- **Audio Input**: 3.5mm mono mini-jack
- **Audio Output**: 3.5mm mono mini-jack
- **Dimensions**
  - Max. 30 cm (11.8"")
  - Approx. 4.5 kg (9.9 lbs.)

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Keep every angle covered

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Sales Start Date: Q1, 2018

What’s in the box?

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