VB-S805D

Smart, HD Fixed Minidome camera in an ultra-compact body.

The Fixed Minidome is a HD network security camera with new ultra-compact lens technology. Ideal for indoor security in retail, education and business environments.

- HD at 30fps for clear, detailed images
- CMOS sensor delivers high performance in low light
- Wide angle F/1.6 Canon lens offers a 95° Angle of View
- Multi-streaming of MJPEG and H.264 video in HD or lower resolutions
- Direct recording / playback from MicroSD card (64GB)
- Comprehensive and intelligent in-built analytics
- Auto Smart Shade Control applies the optimum exposure for every environment
- Compact size: just 120mm in diameter and 54mm in height

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:** Fixed focal length lens (4x digital zoom)
- **Focal Length:** 2.7 mm
- **F-number:** F1.6
- **Viewing Angle:** For 16:9 aspect ratios: Horizontal: 96.0° Vertical: 60.5° For 4:3 aspect ratios: Horizontal: 71.0° Vertical: 60.5°
- **Day / Night Switch:** Auto / Day Mode / Night Mode
- **Min. Subject Illumination:** Day Mode (colour): 0.4 lx (F1.6, shutter speed 1/30 sec., SSC off, 50IRE) 0.03 lx (F1.6, shutter speed 1/2 sec., SSC off, 50IRE) 0.01 lx (F1.6, shutter speed 1/2 sec., SSC on[7], 50IRE) Night Mode (monochrome): 0.2 lx (F1.6, shutter speed 1/30 sec., SSC off, 50IRE) 0.02 lx (F1.6, shutter speed 1/2 sec., SSC off, 50IRE) 0.007 lx (F1.6, shutter speed 1/2 sec., SSC on[7], 50IRE)
- **Shooting Distance (from front of lens):** 0.5 m (1.6 ft.) – infinity
- **Shutter Speed:** 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec.
- **Exposure:** Auto / Auto (Flickerless) / Auto (Flickerless2) / Auto (Shutter-priority AE) / Manual (Shutter-Speed, Gain)
- **White Balance:** Auto / Light Source (Daylight Fluorescent / White Fluorescent / Warm Fluorescent / Mercury Lamp / Halogen Lamp) / Manual (One-shot WB/ Gain / Gain)
- **Metering Mode:** Center-Weighted / Average / Spot
- **Exposure Compensation:** 9 levels
- **Smart Shade Control:** Auto / Manual / Disable Auto: 3 levels Manual: 7 levels
- **Haze Compensation:** Auto / Manual / Disable Auto: 3 levels Manual: 7 levels
- **AGC Limit:** 5 levels
- **Pan Range Angle:** 350° (±175°)
- **Tilt Range Angle:** 90° (ceiling-mounted position: -90° – 0°) * When the horizontal direction of the camera is 0°
- **Rotation Angle Range:** 180° (±90°)

**SERVER**
- **Video Compression Method:** JPEG, H.264
- **Video Size:** H.264: 1280 x 720, 640 x 480, 320 x 240
- **Video Quality:** H.264: 0.1/0.3/0.5/1.0/1.5/2.0/3.0/4.0/5.0/6.0/7.0/8.0/9.0/10/15/30 fps
  - 0.1: Real-time streaming
  - 0.3: Animation
  - 0.5: High-definition video
  - 1.0: Very-high-definition video
  - 1.5: Ultra-high-definition video
  - 2.0: Quad-high-definition video
  - 3.0: Octa-high-definition video
  - 4.0: Hight-definition video
  - 5.0: Ultra-high-definition video
  - 6.0: Quad-high-definition video
  - 7.0: Octa-high-definition video
  - 10: HD (High-definition)
  - 15: 2K (Ultra-high-definition)
  - 30: 4K (Quad-high-definition)
- **Frame Rate:**
  - JPEG: 1/2/5/10/15/30 fps
  - H.264: 1/2/5/10/15/30 fps
  - H.265: 1/2/5/10/15/30 fps

**Protocol**
- IPv4: TCP / IP, UDP, HTTP, FTP, SMTP, NNTP / v.2 / v.3 (MB2), SMTP (Client), DNS (Client), MDNS, ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF
- IPv6: TCP / IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 / IPv6, DNS (Client), MDNS, ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF

**Audio Communication Method**
- Available

**Privacy Mask**
- Number of registration: Max. 8 places, Number of mask colours: 1 (select from 9 colours)

**Preset**
- Max. 20 positions

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

**Event Trigger Type**
- External Device Input, Timer, Intelligent Function (Video), Intelligent Function (Volume)

**Image Upload**
- FTP / HTTP / SMTP (e-mail)
- Temporary storage memory in camera: Max. approx. 5 MB
- Max. 10 fps (JPEG)
- Max. 30 fps (H.264)

**Event Notification**
- HTTP / SMTP (e-mail)

**Camera Angle Setting**
- Available

**Camera Imaging Function**
- Digital PTZ
  - 640 x 360 / 512 x 288 / 384 x 216 / 256 x 144 / 128 x 72
  - 512 x 288 / 384 x 288 / 256 x 192/128 x 96

**Camera Angle Setting**
- Available

**Daylight Saving Time**
- Available

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

**APPLICATION**
- **Viewer:** Camera-side: Admin Viewer / Client-side: RM-Lite Viewer
- **Admin Tools:** Privacy Mask Setting Tool / Preset Setting Tool / Event Notification Setting Tool / Log Viewer / Recorded Video Utility / Digital Zoom Setting Tool
- **Included Software:** Camera Management Tool / RM-Lite / Printer Authentication Admin Tools / Admin Viewer

**Language**
- German / English / Spanish / French / Italian / Russian / Turkish / Japanese

**INTERFACE**
- **Network Terminal:** LAN (x1: RJ-45, 100Base-TX (auto / full-duplex / half-duplex))
- **Audio Input Terminal (common for LINE IN & MIC IN):** 3.5 mm jack x 1 (monaural)
- **Memory Card:** microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card
  - **Capacity:** 16GB / 32GB
  - **File Format:** H.264 / JPEG

**Power Supply**
- PoE: PoE power supply via LAN cable (IEEE802.3af compliant)

**Power Consumption**
- Max. 4.1 W
  - Class 2 power sourcing equipment (requests 7.0 W)

**Dimensions**
- (H x W x D) 54 x 52 x 114 mm (2.13 x 2.04 x 4.49 in.)
  - excluding protrusions
- **Weight:** Approx. 180 g (6.4 oz.)

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

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