VB-S900F Mk II

The smart and versatile Full HD Mini Fixed Box security camera.

A Full HD network Mini Fixed Box security camera with ultra-compact lens technology. Its compact design makes it ideal for a range of discrete indoor commercial environments.

- Outstingingly compact Mini Fixed Box design
- Full HD at 30fps for clear, detailed images
- CMOS sensor delivers high performance in low light
- Wide angle F/1.6 Canon lens offers a 96.0° Angle of View
- Multi-streaming of MJPEG and H.264 video in Full HD or lower resolutions
- Direct recording / playback from microSD card (64 GB)
- Auto Smart Shade Control (Auto-SSC) applies the optimum exposure for every environment
- 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 S compliant
- Ideal in a wide range of indoor commercial environments
Technical Specifications

CAMERA

- **Image Sensor**: 1/3 type CMOS (primary colour filter)
- **Number of Effective Pixels**: Approx. 2.1 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 98.0°, Vertical 69.0°
  - For 4:3 aspect ratios: Horizontal 77.0°, Vertical 60.0°
- **Day / Night Switch**: Auto / Day Mode / Night Mode
- **Min. Subject Illumination**: Day Mode (colour): 0.4 lux (F1.6), shutter speed (1/30 sec., 50IRE, 5000K)
  - Night Mode (monochrome): 0.2 lux (F1.6, shutter speed 1/30 sec., 550IRE)
- **Shooting Distance**: 0.5 m (1.6 ft.) – infinity
- **Shutter Speed**: 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/5000, 1/10000, 1/16000 sec.
- **Exposure**: Auto / Auto (Flickerless) / Auto (Flickerless2) / Auto (Shutter-priority AE) / Manual
- **White Balance**: Daylight Fluorescent / White Fluorescent / Warm Fluorescent / Mercury Lamp / Sodium Lamp / Halogen Lamp
- **Metering Mode**: Center-Weighted / Average / Spot
- **Exposure Compensation**: 9 levels
- **Smart Shade Control**: Smart Shade Control: Manual: 7 levels
- **Haze Compensation**: Manual: 7 levels
- **AEC Limit**: 6 levels
- **Motion-Adaptive NR (Noise Reduction)**: Available
- **Viewing Angle**: 0.57° x 0.43° (1/3 type CMOS)
- **Focal Length**: 2.7 mm
- **Viewing Distance**: 54 mm x 32 mm x 114 mm (2.13 in x 1.26 in x 4.49 in.)
- **Weight**: Approx. 180 g (6.4 oz.)

IEEE 802.3X

- **EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP**

ONVIF Profile

- **Profile-S**

Audio Compression Method

- **Audio Communication**: G.711 µ-law (64 kbps)

Speaker

- **Speaker**: Audio Reception Only

Privacy Mask

- **Number of registration**: Max. 8 places, Number of mask colours: 1

Time

- **Day Mode**: 0.5/1/1.5/2/3/4/5 sec.

Applications

- **Camera Management Tool**: Available (English only)
- **Camera Angle Setting**: Available
- **Image Cropping Function**: Digital PTZ

Others

- **Supported **: IP-4, IPV6, TCoIP, UDP, HTTP, FTP, SNMPv3 (V3) (MB2), DHCP, DNS, Auto IP, MDNS, ARP, (CMP), PGP3, NET, SMTP, RI, RTP/SCCP, RTSP, SSL/TLS, IPsec, ONVIF, WV-HTTP (Canter proprietary)
- **IPv4, IPv6, TCP/IP, UDP, HTTP, FTP, SNMIPv3 (V3) (MBZ), DHCP, DNS, Auto IP, MDNS, ARP, (CMP), PGP3, NET, SMTP, RI, RTP/SCCP, RTSP, SSL/TLS, IPsec, ONVIF, WV-HTTP (Canter proprietary)
- **On-Screen Display**: Available
- **On-Screen Display**: Available (English only)

Canon Europe

- **Canal Europe N.V.,2018

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Technical Specifications

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Dimensions

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<th>Dimension</th>
<th>Value</th>
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<tr>
<td>Height (W)</td>
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<tr>
<td>Width (D)</td>
<td>130 (5.1)</td>
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<tr>
<td>Depth (H)</td>
<td>83 (3.3)</td>
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All dimensions are in mm (in.).
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Sales Start Date: Q1, 2018

**Product Details:**

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**Measurement / Logistic Information:**

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**What’s in the box?**

- VB-S900F Mk II Main Unit
- Installation guide
- Warranty Card
- Before Using this Camera
- EAC-Supported Guide