VB-S905F Mk II

The smart and versatile HD Mini Fixed Box security camera.

A 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.

- Outstandingly compact Mini Fixed Box design
- 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 HD or lower resolutions
- Direct recording / playback from microSD card (64GB)
- 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
VB-S905F Mk II

**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: 77.0°, Vertical: 60.5°
- **Day / Night Switch**: Auto / Day Mode / Night Mode
- **Min. Subject Illumination**: Day Mode (colour): 0.4 lux (F1.6, shutter speed 1/30 sec., SSC off, 50IRE)
  Night Mode (monochrome): 0.2 lux (F1.6, shutter speed 1/30 sec., SSC off, 50IRE)
- **Shutter Speed**: 1/1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/50, 1/60, 1/100, 1/200, 1/400, 1/800, 1/1600, 1/3200 sec.
- **Exposure**: Auto / Auto (Flickerless) / Auto (Flickerless2) / Auto (Shutter-priority AE) / Manual
- **White Balance**: Auto / Manual
  - **Daylight Fluorescent/White Fluorescent/Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogen Lamp**: Manual
  - **One-shot WB: Gain/R 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**: 6 levels
- **Motion-Adaptive NR (Noise Reduction)**: Available

**SERVER**

- **Video Compression Method**: JPEG, H.264
- **Video Size**: H.264: 1280 x 720, 640 x 360, 320 x 180
  1080 x 960, 640 x 480, 320 x 240
- **Video Quality**: JPEG, H.264: 10 levels
- **Frame Rate**: JPEG: 0.1 – 30 fps
  H.264: 1/30 fps
- **Max. Frame Rate**: When streaming JPEG, H.264 (1920 x 1080): 30 fps
  When using the following combinations: When streaming H.264(1) (1920 x 1080) and H.264(2) (1280 x 960) simultaneously: 15 fps
  When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 7.5 fps
  When streaming H.264(2) (1280 x 960) and H.264(3) (1280 x 960) simultaneously: 7.5 fps
- **I-Frame Interval**: 0.5/1.15/2.3/4.5 sec.
- **Simultaneous Client Access**: Max. 30 Clients + 1 Admin Client
- **B/C Rate Control**: Target B/C Rate: 64/128/256/384/512/768/1024/1536/2048/3072
  2/4096/6144/8192/10240/12288/14336/16384 kbps
- **AOSR: Area-specific Data Size Reduction**: Number of Specified Areas: Max. 8 areas
- **Data Size Reduction Level**: 3 levels
- **Encrypted Communications**: SSL / TLS, IPSec (Auto Key Exchange / Manual)

**IEEE 802.1X**

- **Protocol**: EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP
- **ONVIF Profile**: Profile-S
- **Audio Compression Method**: G.711 g-law (64 kbps)
- **Audio Communication Method**: Audio Reception Only
- **Privacy Mask**: Number of registration: Max. 8 places, Number of mask colours: 1 (select from 9 colours)
- **Presset**: Number of registers: Max. 20 positions (*Home Position)*
  Number of Preset Tour Route: Max. 1
- **Intelligent Function**: Video: Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, Infrusion Detection
  Detection Settings: Max. 15
  Non-detection Area Settings: Available
  Audio: Volume Detection, Sleep Detection
- **Event Trigger Type**: External Device Input, Timer, Intelligent Function (Video), Intelligent Function (Volume)
- **Image Upload**: HTTP / SMTP (e-mail)
- **Event Notification**: HTTP / SMTP (e-mail)
- **Camera Angle Setting**: Available

**APPLICATION**

- **Viewer**: Camera Viewer
  Mobile Camera Viewer
- **Camera software**: Camera Management Tool
  Recorded Video Utility
  On-Screen Display Assist Tool
- **Language**: German/English/Spanish/French/Italian/Polish/Russian/Turkish/Korean/Chinese
  (Simplified) / Japanese
- **Daylight Saving Time**: Available

**ONVIF**

- **Network Terminal**: LAN x 1 (RJ45, 100Base-TX (auto / full-duplex / half-duplex))
- **Audio Input Terminal**:common for LINE IN & MIC IN
  - **82.5 mm (3.24 in.) mini-jack connector (monaural)**: Switch LINE IN x 1, MIC IN x 1
  (connect to a microphone w/o amplifier)
  or other reasons.
  - **Power Consumption**: Max. 4.2 W
    - <1.6 W (Power saving mode: requests half of the bandwidth)
  - **Dimensions**: (H x W x D): 5.4 x 3.2 x 1.14 in (132 x 82 x 29.1 mm)
  - **Weight**: Approx. 180 g (6.4 oz.)
  - **International Standard**: EN55032 Class B, FCC part15 subpart B Class B, ICES-003 Class B, VCCI Class B, BSMI AS/NZS EN55032 Class B, CNS13438 Class B, KN22 Class B, EN50524, KN24, ENS50581

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All data is based on Canon standard testing methods except where indicated.
Subject to change without notice.
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**Canon Europe**
**canon-europe.com**
**English edition**
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Sales Start Date: Q1, 2018

Product Details:

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What’s in the box?

- VB-S905F Mk II Main Unit
- Installation guide
- Warranty Card
- Before Using this Camera
- EAC-Supported Guide