**VB-S910F**

Compact box camera for capturing Full HD images and audio across a wide area.

A Full HD fixed box camera with optical zoom – ideal for indoor use. Featuring a wide-angle lens and a built-in microphone, this versatile camera captures even greater detail and context.

- Indoor surveillance camera with incredible accuracy, featuring a wide-angle 78.6° zoom lens and powerful low-light performance
- 2.1 MP 1/4.85" CMOS sensor and bright f/1.4–f/2.6 aperture with auto-focus
- Full HD imaging and 3.5x optical zoom with low-distortion aspherical lens elements for clear, high resolution images
- Integrated omni-directional microphone for audio recording, providing an extra level of high-quality contextual information
- Compact, lightweight and easy to install
- Maintain video quality while reducing data size with Motion Adaptive Noise Reduction and Area-specific Data Size Reduction (ADSR) technologies
- Intelligent on-board analytics functions for advanced alarm detection
- Live monitoring and management from a wide range of web browsers and mobile devices
- Supports ONVIF® Profile S

### Product Range:

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>VB-S910F</td>
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<tr>
<td>VB-S900F</td>
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<tr>
<td>VB-S905F</td>
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<tr>
<td>VB-H730F</td>
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<td>VB-H720F</td>
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</tbody>
</table>

*ONVIF® is a registered trademark of Onvif, Inc.*
CAMERA

Image Sensor 1/4.85" type CMOS (primary color filter)
Number of Effective Pixels Approx. 2.1 million pixels
Scanning Method Progressive
Lens 3.5x optical (4x digital zoom) zoom lens with auto focus
Focal Length 2.25 (W) – 7.88 mm (T)
F-number F1.4 (W) – F2.6 (T)
Viewing Angle For 16:9 aspect ratios: Horizontal: 78.6° (W) – 20.8° (T) Vertical: 40.9° (W) – 11.6° (T)
For 4:3 aspect ratios: Horizontal: 55.9° (W) – 8.5° (T) Vertical: 40.9° (W) – 11.6° (T)
Day/Night Switch Auto/Day Mode/Night Mode
Min. Subject Illumination Day Mode (color): 0.95 lux (1 min., shutter speed 1/30 sec., ISO: 100)
Night Mode (monochrome): 0.5 lux (1 min., shutter speed 1/30 sec., ISO: 100)
Focus Auto/One-shot AF/Manual/Fixed at infinity
Shutter Speed 1/1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/6000 sec.
Exposure Auto/Auto (Flickerless)/Auto (Flickerless)2/Auto (Shutter-priority AE)/Manual
White Balance Auto/Manual/Daylight Fluorescent/White Fluorescent/Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogon Lamp
Metering Mode Auto/Manual/Day/Night Switch
Exposure Compensation 9 levels
Smart Shade Control Auto/Manual/Disable
Haz Compensation Auto/Manual/Disable
AGC Limit 6 levels
Motion-Adaptive NR (Noise Reduction) Available
Built-in microphone Omni-directional electret condenser microphone
Sensitivity -40 dB (0 dB=1 V/Pa)
Frequency Response 50 Hz – 16 kHz
Audio Output Terminal Φ0.14 in.) mini-jack connector (monaural)
Frequency Response 10 Hz – 20 kHz
S/N Ratio 62 dB or greater
Focal Length 2.25 (W) – 7.88 mm (T)
F-number F1.4
Lens 3.5x optical (4x digital zoom) zoom lens with auto focus
Effective Pixels Approx. 2.1 million pixels
Scanning Method Progressive
Audio Compression Method G.711 a-law/μ-law
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)
Privacy Mask Number of mask colors: 1 (select from 9 colors)
View Restriction Available
Installation Class 2 power sourcing equipment (requests 7.0 W)
Power Consumption Max. 4.8 W
Power Supply PoE function: Full power supply via LAN connector
Dimensions (H x W x D) 5.4 x 3.2 x 17.7 mm (0.21 x 0.64 x 0.7 in.)
Weight Approx. 180 g (6.4 oz.)

Security
Camera Control: Administrator, Authorized user, Guest user (level of control varies depending on user)
Access Control: User authority (user name and password), Host Access Control (On-Screen Display Assist Tool, IPv4/IPv6)
Encrypted Communications: SSL/TLS, IPsec

Protocol
IPv4: IPv4, TCP/UDP, HTTP/HTTPS, SNMPv1/v2c/v3 (MIB II), DHCP, DNS, AutoIP, mDNS, ARP, ICMP, POP3, NTP, SMTP, RTSP, RTP, RTCP, SDP, HLS, MQTT, FTP, ONVIF, WS-HTTP

ONVIF Profile Profile S

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Technical Specifications

Certifications and Compatibility
EN55032 Class B, FCC part15 subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS, EN55022, C-tick AS/NZS, EN55024, IC/UL, EN60950-1

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/Thai/Korean/Chinese (Simplified)/Japanese

Operating Environment
(Setting page, Viewer)
PC
CPU (Recommended): Intel Core i7-2600 or higher
Graphics Board (Recommended): Not specified
Memory (Recommended): 2 GB or higher
Viewer Display (Recommended): 1920 x 1080 or higher

Operating System
Windows 7 Ultimate/Professional/Enterprise/Home Premium SP1 32/64-bit
Windows 8.1/Windows 8.1 Pro/Windows 8.1 Enterprise 32/64-bit
Windows 10 Home 32/64-bit
Windows Server 2008 Standard SP2 32/64-bit
Windows Server 2008 R2 Standard 32/64-bit
Windows Server 2012 Standard 64-bit
Windows Server 2012 R2 Standard 64-bit
* Cannot be started from the start screen

Operating System Language
(Setting page, Viewer, Mobile Viewer, Camera Management Tool, Recorded Video Utility, On-screen Display Assist Tool)
German/English/Spanish/French/Italian/Polish/Russian/Turkish/Thai/Korean/Chinese (Simplified)/Japanese

Compatible Browser
Internet Explorer 9-11
Internet Explorer 10/11 32/64-bit
Microsoft Edge*
Chrome 65*
* Does not support playback of Video (H.264) and audio files, reception of audio
* Must be configured to allow use of Javascript, IFRAME (html tag), and web storage
* For Camera Viewer only, cookies must be enabled

Compatible Mobile Devices
Surface, iPad, iPhone, Nexus, Galaxy

Dimensions

What’s in the box?
- VB-S910F main Unit
- Before Using this Camera
- EAC-Supported Guide
- Installation guide
- Warranty card

Software
Runtime Library
Camera Management Tool
NET Framework 3.5 (When using Internet Explorer 9)
NET Framework 4.0 or higher (When using Internet Explorer 10/11)
Recorded Video Utility
NET Framework 3.5 (When using Windows Server 2008 Standard SP2 32/64-bit)
NET Framework 4.0 or higher

Verified Mobile Devices
(Setting page, Viewer - As of April 2018)

Surface
Operating System
Windows 10 Home 64-bit
Compatible Web Browser
Internet Explorer 11
Microsoft Edge*
* Must be configured to allow use of Javascript, and web storage
* For Camera Viewer only, cookies must be enabled
* Does not support playback of Video (H.264) or audio transmission/reception

Apple Devices
iPad Pro 9.7-inch, iPad Pro 10.5-inch, iPhone 7, iPhone 8 Plus, iPhone X
Operating System
iOS 10.3.3
iOS 11.3
Compatible Browser
Safari*
* Must be configured to allow use of Javascript, IFRAME (html tag), and web storage
* For Camera Viewer only, cookies must be enabled
* Does not support playback of Video (H.264) and audio files, reception of audio

Android Devices
Nexus 9, Galaxy Tab S 8.4 (Android 7.1, 4.4.2)
Compatible Web Browser
Chrome 65
* Does not support playback of Video (H.264) or audio transmission/reception
* Setting Page and Camera Viewer is not supported

All dimensions are in mm (in.)
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Sales Start Date: Dec 2016 / Jan 2017

Network Camera VB-S910F
Mercury Code 1389C001AB
EAN Code 4549292078381
Recommended Retail Price <Please fill in RRP>

Measurement / Logistic Information:

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