



CANON FIXED BOX NETWORK CAMERAS

Canon's Fixed Box Network Cameras include traditional sized models, as well as compact micro models that offer the ability to discreetly monitor wide areas with exceptional color and clarity. The high image quality produced by Canon box cameras is a result of their Genuine Canon Lenses, advanced imaging sensors and two proprietary Canon DIGIC processors (DIGIC DV III and DIGIC NET II). A selection of optional enclosures and accessories are available for these models so they can be customized to a number of different indoor and outdoor applications and environments including auditoriums, plazas and lobbies, financial institutions and more.

VB-H730F / VB-M720F Fixed Box Network Cameras



- VB-H730F:
2.1 Megapixel Resolution (1920 x 1080)
- VB-M720F:
1.3 Megapixel Resolution (1280 x 960)
- Genuine Canon 112.6° Wide Angle Lens with 3x Optical Zoom
- Built-in Remote Adjustment Function for Easy Camera Positioning
- **DIGIC** DV III Image Processor
- **DIGIC** Net II Network Video Processor
- H.264 and M-JPEG Simultaneous Streaming
- Exceptional Low Light Performance
- ONVIF 2.4 / Profile S Conformant

VB-S900F / VB-S905F Fixed Micro Box Network Cameras



- VB-H730F:
2.1 Megapixel Resolution (1920 x 1080)
- VB-S905F:
1.3 Megapixel Resolution (1280 x 960)
- Compact Design
- Genuine Canon 96° Wide Angle Lens with 4x Digital Zoom
- **DIGIC** DV III Image Processor
- **DIGIC** Net II Network Video Processor
- H.264 and M-JPEG Simultaneous Streaming
- Exceptional Low Light Performance
- ONVIF 2.4 / Profile S Conformant

Key Features & Benefits

EXCEPTIONAL LOW LIGHT PERFORMANCE DIGIC DV III IMAGE PROCESSOR

Canon's Fixed Box Network Cameras have the ability to capture high quality video even in the most challenging low-light environments.



Original

Low-light Performance

- Genuine Canon Optics, High Sensitivity Sensor and Advanced Image Processing
- Enhanced Noise Reduction
- Video Quality Optimization

- Vivid "Lifelike" Color Reproduction and Image Clarity
- Rich, Smooth Gradations
- Virtually Eliminates Image Noise
- High Speed Engine for Maximum Processing Power



DIGIC
DV III

DIGIC NET II PROCESSOR

- Simultaneously deliver both H.264 and M-JPEG video in High Resolution (1080 and 720) at up to 30fps
- High Speed Transmission
- Low Power Consumption



DIGIC
NET II

ON-BOARD VIDEO ANALYTICS

Canon Fixed Box Network Cameras are equipped with advanced video analytics to greatly increase the effectiveness of video surveillance systems, helping end-users improve safety and save time/money by quickly responding to potential issues.







Abandoned Object Detection

- Moving Object Detection
- Removed Object Detection
- Abandoned Object Detection
- Sound Level Detection
- Passing Detection
- Camera Tampering Detection

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SPECIFICATIONS (The chart below contains an abbreviated list of specifications — for a complete list visit networkcameras.usa.canon.com)

	PRODUCT NAME	VB-H730F	VB-M720F	VB-S900F	VB-S905F
	ITEM CODE	9905B001	9909B001	8821B001	9901B001
	PRODUCT IMAGE				
CAMERA	IMAGE SENSOR	1/3" CMOS (RGB)			
	NUMBER OF EFFECTIVE PIXELS	2.1MP	1.3MP	2.1MP	1.3MP
	LENS	3x Optical (4x Digital) Zoom Lens (Electric Drive)		Fixed Focal Length Lens (4x Digital Zoom)	
	FOCAL LENGTH (W - T)	2.8 (W) ~ 8.4mm (T)		2.7mm	
	F-NUMBER (W - T)	F1.2 (W) ~ F2.0 (T)		F1.6	
	HORIZONTAL VIEWING ANGLE (W - T)	112.6° (W) ~ 36.7° (T)		96°	
	VERTICAL VIEWING ANGLE (W - T)	60.8° (W) ~ 20.6° (T)		60.5°	
	DAY / NIGHT	Automatically Removable Infrared-cut Filter		Digital Night Mode	
	MIN. SUBJECT ILLUMINATION - DAY (COLOR)	0.008 lux (F1.2, shutter speed 1/2 sec., SSC on, 50IRE)		0.01 lux (F1.6, shutter speed 1/2 sec., smart shade control is on, 50IRE)	
	MIN. SUBJECT ILLUMINATION - NIGHT (MONOCHROME)	0.0005 lux (F1.2, shutter speed 1/2 sec., SSC on, 50IRE)		0.007 lux (F1.6, shutter speed 1/2 sec., smart shade control is on, 50IRE)	
	SHUTTER SPEED	1 - 1/16000 sec.			
	WIDE DYNAMIC RANGE (SMART SHADE CONTROL)	Auto / Manual / Disable Auto: 3 Levels / Manual: 7 Levels			
SERVER	VIDEO COMPRESSION METHOD	M-JPEG, H.264			
	VIDEO SIZE	1920 x 1080, 1280 x 720, 1280 x 960 960 x 540, 640 x 360, 640 x 480 480 x 270, 320 x 180, 320 x 240	1280 x 720, 1280 x 960 640 x 360, 640 x 480 320 x 180, 320 x 240	1920 x 1080, 1280 x 720, 1280 x 960 960 x 540, 640 x 360, 640 x 480 480 x 270, 320 x 180, 320 x 240	1280 x 720, 1280 x 960 640 x 360, 640 x 480 320 x 180, 320 x 240
	MAXIMUM FRAME RATE	1920 x 1080: 30fps	1280 X 960: 30 fps, 1280 X 720: 30fps	1920 x 1080: 30fps	1280 X 960: 30fps, 1280 X 720: 30fps
	ONVIF VERSION	ONVIF Ver. 2.4 / Profile S			
	IPV4 PROTOCOL	TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (Client), DHCP (Client), DNS (Client), ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF			
	IPV6 PROTOCOL	TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon Proprietary), ONVIF			
	AUDIO COMMUNICATION METHOD	Full-duplex (two-way) ~ Echo cancellation function compliant, Mono			
	PRESETS	Max. 20 positions (Digital)			
INTERFACE	INTELLIGENT FUNCTION - VIDEO (ON BOARD VIDEO ANALYTICS)	Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection and Sound Level Detection			
	NETWORK TERMINAL	LAN x 1 (RJ45, 100Base-TX auto/full-duplex/half-duplex)			
	MEMORY CARD	SD Memory Card, SDHC Memory Card, SDXC Memory Card Compatible. Frame Rate: Max. 1fps (M-JPEG), Max. 30fps (H.264)		MicroSD Memory Card, MicroSDHC Memory Card, MicroSDXC Memory Card Compatible. Frame Rate: Max. 1fps (M-JPEG) Max. 30fps (H.264)	
POWER SUPPLY	PoE	PoE power supply via LAN connector (IEEE802.3af compliant)			
POWER CONSUMPTION	EXTERNAL POWER SOURCE	24 VAC / 12 VDC		N/A	
	WITH PoE	Maximum approximately 6.9 W		Maximum approximately 4.3 W	
	WITH 12VDC	Max. approx. 7.0 W		N/A	
	WITH 24VAC	Max. approx. 6.5 W		N/A	
OTHER	DIMENSIONS (H X W X D)	2.56 x 3.15 x 7.56 in. (65 x 80 x 192 mm)		2.13 x 1.26 x 4.49 in. (52 x 32 x 114 mm)	
	WEIGHT	Approx. 1.48 lb. (670g)		Approx. .39 lb. (180g)	

Recommended Enclosures & Accessories



A-OH15F*

Outdoor Box Housing with Wall Bracket

*shown with optional Sunshield

Item Code: 1588V039

Compatible with Camera Models:

Item Name	Item Code
VB-H730F	9905B001
VB-M720F	9909B001



A-OH15FBHSET-S(OW)*

Outdoor Box Housing with Heater & Blower and Wall Bracket (Stainless)

*shown with optional Sunshield

Item Code: 2038V641

Compatible with Camera Models:

Item Name	Item Code
VB-H730F	9905B001
VB-M720F	9909B001



A-OH15FBHSET(OW)*

Outdoor Box Housing with Heater & Blower and Wall Bracket (Steel)

*shown with optional Sunshield

Item Code: 1381V126

Compatible with Camera Models:

Item Name	Item Code
VB-H730F	9905B001
VB-M720F	9909B001



A-SY15

Sunshield

Item Code: 1381V128

Compatible with Fixed Camera Housings:

Item Name	Item Code
A-OH15F	1588V039
A-OH15FBHSET-S(OW)	2038V641
A-OH15FBHSET(OW)	1381V126

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