

PRODUCT NAME	VB-M40
ITEM CODE	4073B001
UPC CODE	13803118018



FEATURES

- **1.3 MegaPixel CMOS Sensor** - CMOS Sensor for Maximum Image Quality
- **20x Optical Zoom (4x Digital)** - Maximum image accuracy throughout zoom range
- **55.4° Wide Angle Lens with Auto-Focus** - Genuine Canon optics
- **Powerful DIGIC NET Processor** - Simultaneously stream video at same frame rate
- **Image Stabilizer** - Compensates for image blur caused by camera shaking
- **Smart Shade Control** - Allows for Proper Exposure in the Entire Image
- **Exceptional Low Light Performance** - Color images at 0.03 lux of light
- **Auto Day/Night Capability** - Switches automatically for variable lighting conditions
- **In-Camera Object Analytics** - Moving, Removed, Abandoned Object Detection
- **In-Camera Security Analytics** - Camera Tampering and Sound Detection
- **Two-Way Audio (Full Duplex)** - Send and receive audio simultaneously
- **H.264 / Motion-JPEG Video** - High Quality Video with Low Bandwidth Utilization
- **SD / SDHC Support** - Backs up live images During Network Outages
- **PoE (Power over Ethernet)** - Power over a single LAN cable; 802.3af compliant
- **HTTPS / IPsec Support** - Ensures Secure Communication
- **ONVIF Conformant** - Allows for easy 3rd party integration

CONTENTS OF KIT

- VB-M40 Network Camera
- Power Connector
- Setup CD-ROM
- Installation Guide
- Warranty Card

OPTIONAL ACCESSORIES

ITEM CODE NO.	DESCRIPTION
2245B001	PA-V17 AC Adapter
4963B001	DR40-C-VB Clear Indoor Recess Housing
4963B002	DR40-S-VB Smoked Indoor Recess Housing
4962B002	SS40-B-VB Black Ceiling Mount Cover

OPTIONAL SOFTWARE

ITEM CODE NO.	DESCRIPTION
4973B001	RM-Lite-V (Additional Installation License)

PACKAGING INFORMATION

CONTENTS	W x D x H	WEIGHT
Individual	8.97 x 7.32 x 8.23 in (228 x 186 x 209 mm)	3.52 lbs. (1.6kg)
Master (4 Boxes)	17.32 x 15.52 x 10.55 in (440 x 394 x 268 mm)	16.02 lbs. (7.27kg)

Canon is a registered trademark of Canon Inc.

* All specifications and availability subject to change without prior notice.

SPECIFICATIONS

CAMERA UNIT	IMAGE SENSOR	1/3" 1.3 MegaPixel CMOS Sensor
	TOTAL NUMBER OF PIXELS	Approx. 1.3 Million Pixels
	SCANNING METHOD	Progressive Scan
	ZOOM	20x Optical Zoom (4x Digital Zoom)
	ANGLE OF VIEW	55.4° (W) / 2.9° (T)
	PAN ANGLE RANGE	340° (±170°)
	TILT ANGLE RANGE	100° (-90° to 10°)
	MOVEMENT RANGE	Pan: 1 – 150°/sec, Tilt: 1 – 150°/sec
	FOCAL LENGTH	F=4.7 mm (W) / 94 mm (T)
	F-NUMBER	F1.6 (W) - 3.5 (T)
	DAY / NIGHT MODE	Auto / Manual
	IR CUT FILTER	Yes
	MINIMUM ILLUMINATION	Color: 0.03 Lux (F1.6, 1/8 sec., SSC ON) Black & White: 0.001 Lux (F1.6, 1/8 sec. SSC ON)
	FOCUS	Auto / One-shot AF / Manual / Infinity
	FOCUS RANGE	Day: 1 ft / Night: 3.3 ft
	AUTO EXPOSURE	Auto / Flicker-free / Shutter Priority AE / Manual
	SHUTTER SPEED	1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000 sec.
	WHITE BALANCE	Auto / Manual / One-Shot / Select Light Source (Warm Fluorescent, White Fluorescent, Daylight Fluorescent, Mercury Lamp, Sodium Lamp, Halogen Lamp)
	METERING MODE	Center-Weighted / Average / Spot
	EXPOSURE COMPENSATION	7 Levels
	SMART SHADE CONTROL	7 Levels
IMAGE STABILIZER	Electronic (ON1 / ON2 / OFF)	
VIDEO COMPRESSION METHOD	H.264 / MJPEG	
OUTPUT IMAGE/VIDEO SIZE	H.264:1280 x 960, 640 x 480, 320 x 240 MJPEG:1280 x 960, 640 x 480, 320 x 240, 160 x 120	
VIDEO QUALITY	MJPEG & H.264: 5 Levels	
FRAME RATE	H.264: 10/15/30 fps / MJPEG: 0.1 - 30 fps	
MAXIMUM FRAME RATE	H.264: 30 fps @ 1280 x 960 / MJPEG: 30 fps @ 1280 x 960	
SIMULTANEOUS CLIENT ACCESS	H.264: 10 clients / JPEG: 30 Clients	
AUDIO COMPRESSION METHOD	G.711 μ-LAW (64kbps)	
AUDIO COMMUNICATION	2-Way Full Duplex	
AUDIO PLAYBACK	Audio files can be played on event detection	
PROTOCOL	IPv4: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (client), DHCP (client), DNS (client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (Canon protocol), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (client), DNS (client), ICMPv6, POP3, NDP, SMTP authentication, WV-HTTP (Canon protocol), ONVIF	
COMMUNICATION ENCRYPTION	HTTPS, IPsec	
CAMERA CONTROL USER TYPES	Administrator / Authorized Users / Guests	
PRESETS	20 Preset Positions	
VIEW RESTRICTION	Privacy Mask, Pan / Tilt / Zoom Range Limitation	
PRIVACY MASK	Up to 8 locations	
CONNECTION RESTRICTION	Username / password, IP address restriction	
VIDEO ANALYTICS	Motion Detection / Removed Object / Abandoned Object / Camera Tampering / Sound Detection	
DETECTION AREAS	Up to 15 locations	
IMAGE UPLOAD	JPEG: FTP / HTTP / SMTP	
TEMPORARY STORAGE	Removable SD / SDHC card (up to 32gb), up to 1fps	
EVENT NOTIFICATION	HTTP / SMTP (e-mail)	
DISPLAY LANGUAGES	English / Japanese / French / Italian / German / Spanish	
INTERFACE	NETWORK	1 RJ-45 (100Base-TX, Negotiation: auto/full/half, IEEE 802.3af)
	AUDIO TERMINALS	Input: 1 Mini-Jack Connector (Mono), LINE IN or MIC IN Output: 1 Mini-Jack Connector (Mono), LINE OUT
	EXTERNAL DEVICE I/O TERMINAL	Input x 2 / Output x 2
OPERATING TEMPERATURE	TEMPERATURE / HUMIDITY	14° - 122° F / -10° - 50° C / 5 - 85%RH (No Condensing)
POWER SUPPLY	PoE	via LAN Connector (IEEE802.af compliant)
	OPTIONAL AC ADAPTER	AC 100V - 240V (PA-V17)
	OPTIONAL EXTERNAL POWER	AC 24V / DC 12V
POWER CONSUMPTION	WITH PoE	Maximum approximately 9.8W
	WITH OPTIONAL AC ADAPTER	Maximum approximately 12.5W
OTHER	BUNDLED SOFTWARE	VB Initial Setting Tool, RM-Lite
	DIMENSIONS	5.20 x 6.10 in
	WEIGHT	2.535 lbs.

Effective: February 1, 2011