VB-M741LE (H2) & VB-M740E (H2)

Keep every outdoor angle covered

Ideal for use in extremely cold and hazardous outdoor areas these 1.3 MP bullet cameras offer built-in IR LED* an ultra wide 113.4° angle of view for high quality imaging day or night.

- Outdoor 1.3 MP bullet cameras with inbuilt Infrared illumination* for high quality imaging day or night
- Bright f/1.2-1.8 IR Corrected 2.4x zoom Super-UD lens with ultra wide 113.4° angle of view and extended low light capabilities
- Outdoor-ready with extensive weatherproofing and environmental protection
- Reliable start up at -30° and operation in extremely cold environments down to -50°C*
- Hydrophilic Coating II prevents the decrease of visibility during and after rainfall, and resists fouling by sand or dirt.
- Easy and convenient installation with remote zoom and focus set up and simple pigtail connection

* Applies to VB-M741LE (H2) only

Product Range
- VB-M741LE (H2)
- VB-M740E (H2)
- VB-H730F Mk II

(Scream, PoE+, Linked Event and Infrared Illumination - VB-M741LE (H2) only)
### Technical Specifications

**VB-M741LE (H2) & VB-M740E (H2)**

### Camera
- **Image Sensor:** 1/3 type CMOS (primary color filter)
- **Effective Pixels:** Approx. 1.3 million pixels
- **Viewing Angle:** Horizontal: 13.4° (W) – 46.5° (T)
  - Vertical: 61.4° (W) – 26.2° (T)
- **Auto / Day Mode / Night Mode**
- **Day/Night Switch**
- **Smart Shade Compensation**
- **Daylighting Mode**
- **Compensation**
- **Metering Mode:** Center-Weighted / Average / Spot
- **Shutter Speed:** 1/1000, 1/2000, 1/4000, 1/8000, 1/10000, 1/16000 sec.
- **Viewing Distance:** F1.2 (W) – F1.8 (T)
  - 2.55 (W) – 6.12 mm (T)
- **Lens:** 2.4 optical zoom (4x digital zoom) lens (electric drive)
- **Scanning Method:** Progressive
- **Image Sensor:** 1/3 type CMOS (primary color filter)
- **White Balance:** Auto / Auto (Flickerless) / Auto (Shutter-priority AE) / Manual
- **Auto Focus:** Auto / One-shot AF / Manual / Fixed at infinity
- **White Balance Correction:** Manual: 7 levels
- **Image Stabilizer:** Auto / Light Source / Manual
- **Focusing:** Manual: 7 levels
- **Autofocus:** Manual: 7 levels
- **AGC Limit:** Auto / Manual / Disable
- **Privacy Mask:** Number of mask colors: 1 (select from 9 colors)
- **Night Mode (mono):** 0 lux (with IR lamp on)
- **Day Mode (colour):** 0.02 lux
- **Focus Mode:** Manual: 7 levels
- **Image Stabilizer:** 2 levels (digital)
- **Pan Range:** 344° (±172°)
- **Tilt Range:** 93° (±46.5°)
- **Rotation Range:** 344° (±172°)

### Server
- **Video Compression Method:** JPEG, H.264
- **Video Size:** JPEG, H.264: 1280 x 720, 640 x 360, 320 x 180
  - 1280 x 960, 640 x 480, 320 x 240
- **Video Quality:** H.264: 10 levels
- **Frame Rate:** JPEG: 0.1 – 30 fps
  - H.264: 1/25/50/60 fps
- **I-Frame Interval:** 0.5/1.1/2.5/5/10 sec.
- **Simultaneous Client Access:** Max. 30 Clients / 1 Admin Client
- **Bit Rate Control:** Target Bit Rate: 64 / 128 / 256 / 384 / 512 / 768 / 1280 / 1536 / 2048 / 3072 / 4096 / 6144 / 9128 / 12288 / 14336 / 16384 kbps
- **ADSR:** Area-specific Data Size Reduction
- **Security:** Camera Control: Administrator, Authorized user, Guest user (level of control varies depending on user)

### Network Interface
- **Network Terminal:** LAN x1 (RJ45, 10Base-TX)
- **Audio Input Terminal:** 
  - (common for LINE IN / MIC IN)
  - φ3.5 mm (φ0.5 in.) mini-jack (connector: monoaural)
  - LINE IN (connect to an amplifier microphone) or MIC IN (connect to a microphone w/o amplifier)
  - Switch LINE/MIC IN in the setting page.

### Audio
- **Audio Compression Method:** G.711 µ-law (64 kbps)
- **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.)
  - A third-party amplifier speaker is necessary
- **Privacy Mask:** Number of registrations: Max. 8 places
- **Prevent:** Number of positions (rHome Position) items to Req.: Digital Pan/Digital Tilt/Digital Zoom, Exposure, Sharp Shade Control, Focus, White Balance, Video Quality Adjustment, Day/Night, Haze Compensation

### Intelligent Function (Video)
- **Detection Types:** Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, and Intrusion Detection
  - Detection Settings: Max. 15
- **Non-detection Area Settings:** Available
- **Image Upload:** FTP/HTTP/SMTP (e-mail)
- **Event Notification:** HTTP/SMTP (e-mail)
- **Image Compression Function:** Cropping sizes:
  - JPEG: 640 x 360 / 512 x 288 / 384 x 216 / 256 x 144 / 128 x 72
  - H.264: 640 x 480 / 512 x 384 / 384 x 288 / 256 x 128 / 128 x 96
- **On-Screen Display:**
  - Available
  - German/English/Spanish/French/Italian/Polish/Russian/Turkish/Korean/Chinese (Simplified)/Japanese
- **Daylight Saving Time:** Available

### Application
- **Viewer:** Camera Viewer
- **Camera Software:** Camera Management Tool
- **Recorded Video Utility:**
- **Language:**
  - German/English/Spanish/French/Italian/Polish/Russian/Turkish/Thai/Korean/Chinese (Simplified)/Japanese
- **Operating System/Compatible Browser:**
  - Windows 7, Internet Explorer 11/Chrome 65
  - Windows 8.1, Internet Explorer 11/Chrome 65
  - Windows 10, Internet Explorer 11/Microsoft Edge/Chrome 65
  - Windows Server 2008 R2, Internet Explorer 11/Chrome 65
  - Windows Server 2012 R2, Internet Explorer 11/Chrome 65
  - Windows Server 2016, Internet Explorer 11/Chrome 65
- **Verified Mobile Devices:** Surface, Pad, iPhone, Nexus, Galaxy

### Interface
- **Network Terminal:** LAN x1 (RJ45, 10Base-TX)
- **Audio Input Terminal:** φ3.5 mm (φ0.5 in.) mini-jack (connector: monoaural)
  - LINE IN (connect to an amplifier microphone) or MIC IN (connect to a microphone w/o amplifier)
  - Switch LINE/MIC IN in the setting page.
**Technical Specifications**

**VB-M741LE (H2) & VB-M740E (H2)**

### Power Supply
- PoE: PoE+ power supply via LAN connector (IEEE802.3at Type2 compliant)
- PoE: PoE power supply via LAN connector (IEEE802.3at Typ1 compliant)

### Power Consumption
- PoE: Max. approx. 21.2 W
- PoE: Max. approx. 10.1 W
- AC Adapter: Max. approx. 11.1 W
- AC: Max. approx. 22.2 W

### Dimensions
- (H x W x D): 111 x 102 x 214 mm (4.37 x 4.02 x 8.43 in.) (camera body only)
- Length when joint fully extended: 384 mm (15.12 in.)

### Weight
- Approx. 2120 g (4.68 lb.)
- Approx. 2040 g (4.50 lb.)

### Weather Shield
- Approx. 90 g (3.2 oz.)

### International Standard
- EN55032 Class A, FCC part15 subpart B Class A, ICES-003 Class A, VCCI Class A, EN55022 Class A, KN22 Class A, EN55024, EN55081, EN62471
- IEC/UL/EN60950-1, IEC/UL/EN60950-2-0, IEC/UL/EN60652-0, IEC/UL/EN60529 IP66, NEMA 250 Type 4X

### Compatible Accessories
- PC640-VB
- PA-V17 / PA-V18

### What's in the box?
- VB-M741LE (H2) Main Unit/
  VB-M740E (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire & fixing screw
- Ceiling Plate & fixing screws
- Wrench
- Template
- Power interface Cable
- I/O Interface Cable
- Installation Guide
- Safety Precautions
- Warranty Card
- Waterproofing Tape

### Dimensions

<table>
<thead>
<tr>
<th>VB-M741LE (H2)</th>
<th>VB-M740E (H2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio Output Terminal (LINE OUT)</strong></td>
<td>Ø3.5 mm (Ø0.14 in.) mini-jack connector (monaural) LINE OUT (connect to an amplifier speaker)</td>
</tr>
<tr>
<td><strong>External Device I/O Terminal</strong></td>
<td>Input x 2, Output x 2</td>
</tr>
<tr>
<td><strong>Memory Card</strong></td>
<td>SD Memory Card, SDHC Memory Card, SDXC Memory Card compatible. Recorded Content: Log, Video (Event, Manual, ONVIF, Timer, Upload)</td>
</tr>
<tr>
<td><strong>Frame Rate</strong></td>
<td>Max. 30 fps (H.264)</td>
</tr>
</tbody>
</table>

**Other**

<table>
<thead>
<tr>
<th>VB-M741LE (H2)</th>
<th>VB-M740E (H2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td><strong>Dimensions</strong></td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td><strong>Temperature</strong></td>
</tr>
<tr>
<td>Humidity</td>
<td>5% – 85% (without condensation)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td><strong>Humidity</strong></td>
</tr>
</tbody>
</table>

### What's in the box?

- VB-M741LE (H2) Main Unit/
  VB-M740E (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire & fixing screw
- Ceiling Plate & fixing screws
- Wrench
- Template
- Power Interface Cable
- I/O Interface Cable
- Installation Guide
- Safety Precautions
- Warranty Card
- Waterproofing Tape
- PC640-VB
- PA-V17 / PA-V18

### Compatible Accessories
- PC640-VB
- PA-V17 / PA-V18

### What's in the box?

- VB-M741LE (H2) Main Unit/
  VB-M740E (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire & fixing screw
- Ceiling Plate & fixing screws
- Wrench
- Template
- Power Interface Cable
- I/O Interface Cable
- Installation Guide
- Safety Precautions
- Warranty Card
- Waterproofing Tape
- PC640-VB
- PA-V17 / PA-V18

### Compatible Accessories
- PC640-VB
- PA-V17 / PA-V18

### What's in the box?

- VB-M741LE (H2) Main Unit/
  VB-M740E (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire & fixing screw
- Ceiling Plate & fixing screws
- Wrench
- Template
- Power Interface Cable
- I/O Interface Cable
- Installation Guide
- Safety Precautions
- Warranty Card
- Waterproofing Tape
- PC640-VB
- PA-V17 / PA-V18

### Compatible Accessories
- PC640-VB
- PA-V17 / PA-V18

### What's in the box?

- VB-M741LE (H2) Main Unit/
  VB-M740E (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire & fixing screw
- Ceiling Plate & fixing screws
- Wrench
- Template
- Power Interface Cable
- I/O Interface Cable
- Installation Guide
- Safety Precautions
- Warranty Card
- Waterproofing Tape
- PC640-VB
- PA-V17 / PA-V18

### Compatible Accessories
- PC640-VB
- PA-V17 / PA-V18

### What's in the box?

- VB-M741LE (H2) Main Unit/
  VB-M740E (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire & fixing screw
- Ceiling Plate & fixing screws
- Wrench
- Template
- Power Interface Cable
- I/O Interface Cable
- Installation Guide
- Safety Precautions
- Warranty Card
- Waterproofing Tape
- PC640-VB
- PA-V17 / PA-V18

### Compatible Accessories
- PC640-VB
- PA-V17 / PA-V18
**Keep every outdoor angle covered**

Ideal for use in extremely cold and hazardous outdoor areas these 1.3 MP bullet cameras offer built-in IR LED* an ultra wide 113.4° angle of view for high quality imaging day or night.

**Sales Start Date:** October 2019

---

### Measurement / Logistic Information:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Mercury code</th>
<th>Pack type</th>
<th>Pack description</th>
<th>Quantity per pack</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Net Weight (kg)</th>
<th>Gross Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network Camera VB-M741LE (H2)</td>
<td>3746C001AA</td>
<td>EA</td>
<td>Each</td>
<td>1</td>
<td>238</td>
<td>468</td>
<td>289</td>
<td>2.1</td>
<td>3.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CT</td>
<td>Carton</td>
<td>2</td>
<td>488</td>
<td>600</td>
<td>274</td>
<td>4.2</td>
<td>8.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EP</td>
<td>Euro Pallet</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Network Camera VB-M740E (H2)</td>
<td>3747C001AA</td>
<td>EA</td>
<td>Each</td>
<td>1</td>
<td>238</td>
<td>468</td>
<td>289</td>
<td>2.0</td>
<td>3.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CT</td>
<td>Carton</td>
<td>2</td>
<td>488</td>
<td>600</td>
<td>274</td>
<td>4.1</td>
<td>8.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EP</td>
<td>Euro Pallet</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

---

### Optional Accessories:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Mercury code</th>
<th>EAN Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendant Mounting Kit PCB40-VB</td>
<td>0719C001AA</td>
<td>4549292045352</td>
</tr>
<tr>
<td>Conduit Box CB740-VB</td>
<td>0712C001AA</td>
<td>4549292045444</td>
</tr>
<tr>
<td>AC Adapter PA-V18 (E)</td>
<td>8362B002AA</td>
<td>4960999986791</td>
</tr>
<tr>
<td>AC Adapter PA-V17 (GB)</td>
<td>2245B003AA</td>
<td>4960999480206</td>
</tr>
</tbody>
</table>

---

### Network Camera VB-M740E (H2) & VB-M740E (H2)

Canon Inc. | English edition © Canon Europa N.V. 2019