**VB-H751LE (H2)**

High-specification wide-angle IR bullet camera ideal for use in extreme temperatures and zero-light conditions.

Featuring full HD image capture, extensive weather resistance, on-board analytics, stunning low-light imaging and Hydrophilic Coating II.

- 1/3" CMOS sensor for Full HD imaging and outstanding low-light performance
- Built-in infrared LEDs provides detailed monochrome images up to 30m
- IP66 and NEMA250 Type 4X compliance for protection from harsh environmental conditions
- Hydrophilic Coating II prevents the decrease of visibility during and after rainfall, and resists fouling by sand or dirt.
- Data size reducing and image optimising Motion Adaptive Noise Reduction and Area-specific Data Size Reduction (ADSR) technologies
- Intelligent alarm detection with 8 built-in analytic profiles
- ONVIF® Profile S and Profile G compliance
**Technical Specifications**

**Camera**
- **Image Sensor**: 1/3 type CMOS (primary color filter)
- **Number of Effective Pixels**: Approx. 2.1 million pixels
- **Scanning Method**: Progressive
- **Lens**: 2.4x optical zoom (4x digital zoom) lens (electric drive)
- **Focal Length**: 2.55 (W) – 6.12 mm (T)
- **F-number**: F1.2 (W) – F1.8 (T)
- **Viewing Angle**:
  - For 16:9 aspect ratio:
    - Horizontal: 124.3° (W) – 50.5° (T)
    - Vertical: 66.9° (W) – 28.4° (T)
  - For 4:3 aspect ratio:
    - Horizontal: 90.6° (W) – 37° (T)
    - Vertical: 68.9° (W) – 28.4° (T)

**Day/Night Switch**
- **Manual**: Auto / Day Mode / Night Mode
- **Automatic**: Auto / Day Mode / Night Mode

**Min. Subject Illumination**
- Day Mode: 0.015 lux (F1.2, shutter speed 1/30 sec., ISC eff. 50IRE)
- Night Mode: 0 lux / 0.012 lux (F1.2, shutter speed 1/30 sec., when smart shade control is off.

**Focus**
- Auto / Oneshot AF / Manual / Fixed at infinity

**Shutter Speed**
- 1/1, 1/4, 1/8, 1/16, 1/30, 1/60, 1/100, 1/200, 1/400, 1/600, 1/1000, 1/2000, 1/4000, 1/5000, 1/6000 sec.

**Camera Control**
- Administrator, Authorized user, Guest user
- Area-specific Data

**Video Quality**

- JPEG, H.264: 10 levels

**Video Compression**
- JPEG, H.264: 1/2/3/5/6/10/15/30 fps

**Video Size**
- JPEG: H.264: 1920 x 1080, 960 x 540, 480 x 270
- 1280 x 720, 640 x 360, 320 x 180
- 1280 x 850, 640 x 480, 320 x 240

**Video Quality**
- JPEG: H.264: 10 levels

**Frame Rate**
- JPEG: 0.1 – 30 fps
- H.264: 1/2/3/5/6/10/15/30 fps

- Values represent streaming performance from the camera.
- The frame rates may be reduced due to Viewcam computer’s spec., the number of clients accessing at the same time, network load, video quality setting, or movement of the subject or other reasons.

**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**
- Max. 8 places, Number of mask colors: 1 (select from 9 colors)

**Reset**
- Number of registations: Max. 20 positions

**Intelligent Function (Image)**
- Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection, Passing Detection, and Intrusion Detection

**Intelligent Function (Audio)**
- Volume Detection, Screen Detection

**Event Trigger Type**
- Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Switch

**Image Upload**
- FTH/SMTP (e-mail)

**Event Notification**
- HTTP/SMTP (e-mail)

**Log Notification**
- SMTP (e-mail)

**Image Cropping**
- Cropping sizes: 640 x 360, 512 x 288, 384 x 216, 256 x 144, 128 x 72

**On-Screen Display**
- Available: German, English, Spanish, French, Italian, Polish, Russian, Turkish, Korean, Chinese (Simplified/Japanese)

**Daylight Saving Time**
- Available

**Network Terminal**
- LAN x 1 (RJ-45, 10BASE-TX) (auto/full-duplex/half-duplex)

**Audio Input Terminal**
- (common for LINE & MIC IN)

**Audio Output Terminal**
- (LINE OUT)

**Environment**
- Operating
  - Temperature: 5% – 85% (without condensation)
  - Humidity: 5% – 85% (without condensation)

**Performance**
- Power Consumption
  - PoE: Max. approx. 20.9 W
  - PoE: Max. approx. 12.5 W (100 V AC)

**Dimensions**
- (H x W x D): 105 mm x 102 mm x 214 mm

**Power Supply**
- PoE: PoE power supply via LAN connector (IEEE802.3af Typel/Type2 compliant)
  - AC Adapter: PA-V18 (100 – 240 V AC) (sold separately)
  - External power source: 24 V AC/12 V DC

**Power Consumption**
- PoE: Max. approx. 20.9 W
- PoE: Max. approx. 12.5 W (100 V AC)
- DC: Max. approx. 12.6 W (240 V AC)
- AC: Max. approx. 20.9 W

**Weight**
- Approx. 2580 g (5.63 lb.)

**Safety**
- Approx. 90 g (3.2 oz.)
- IP66
Technical Specifications

**VB-H751LE (H2)**

### International Standard

### APPLICATION
- Viewer: Camera Viewer
  - Supports Video Display Rotation
  - Mobile Camera Viewer
- Camera software: Camera Management Tool
  - Recorded Video Utility
- Language: German/English/Spanish/French/Italian/Polish/Russian/Turkish/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, Internet Explorer 9
- Windows Server 2008 R2, Internet Explorer 11/Chrome 65
- Windows Server 2012, 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, iPad, iPhone, Nexus, Galaxy

### What’s in the box?
- VB-H751LE (H2) Main Unit
- Weather Shield
- Before Using this Camera
- EAC-Supported Guide
- Safety Wire
- Safety Wire Fixing Screw
- Ceiling Plate
- Ceiling Plate Fixing Screw *4
- Wrench
- Template
- Multi Cable with Waterproof Rubber
- Seal (I/O/Audio/Power)
- Waterproofing Tape
- LAN Cable Cap
- Waterproof Rubber Seal for LAN Cable
- Zip Tie
- Packing Attachment
- GND Screw
- Installation Guide
- Safety Precautions
- Warranty Card

### Dimensions

All dimensions are in mm (in.)

### Compatible Accessories
- CB740-VB: Conduit Box
- PC640-VB: Pendant Mounting Kit
- 9A-VB: AC Power Supply
  - Available in Euro 2-Pin & UK 3-Pin plug

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Sales Start Date: October 2019

**Product Details:**

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**Optional Accessories:**

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**Measurement / Logistic Information:**

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