



# YOUR PEACE OF MIND, SECURED.

The **VB-H41**, **VB-H610VE**, **VB-H610D** and **VB-H710F** boast of Canon's renowned lens technology, the revolutionary DIGIC DV III Image Processor used in professional video cameras, and the latest DIGIC Net II that provides rapid data transmission – giving Canon's latest lineup of network cameras the capability to capture and stream impeccable high quality Full HD videos.

Furthermore, with the cameras' pan, tilt, rotate, zoom (PTRZ) function, intelligent detection capabilities, dependable video recording, in addition to a resistant hardware, you gain trusted partners to safeguard your business.



## VB-H41

Pan, Tilt, High-Powered Zoom

With a combined digital and optical zoom that reaches up to 240x, this camera fits environments where long visual depth may be required such as long hallways, auditoriums, or even transport stations.

- 60.4-degree wide angle-of-view and 20x optical zoom
- Full-HD supported (1920x1080)
- Minimum subject illumination: Color 0.4lux / B&W 0.02lux\*4
- Indoor dome housing supported\*1
- Image Stabilizer function
- H.264 supported
- ONVIF Profile S supported\*3
- Controlled ghosting with optimized lens coating

HIGH-POWER ZOOM

## VB-H610VE

Highly Waterproof/Vandal-Proof

Built with functional beauty that provides excellent protection against impacts, this camera can withstand harsh environments making it ideal for outdoor settings in buildings, factories and construction sites.

- 112-degree wide angle-of-view and 3x optical zoom
- Full-HD supported (1920x1080)
- Minimum subject illumination: Color 0.3lux / B&W 0.015lux\*4
- Shock resistance (50J)
- IP66 supported
- Built-in PTRZ function
- Power focus function
- H.264 supported
- ONVIF Profile S supported\*3
- Screen clipping enabled

WATER/VANDAL PROOF

## VB-H610D

Wide Angle, High Sensitivity

This camera's angle can be controlled remotely through its PTRZ feature, thereby decreasing installation workload. It works best in corner installation like in retail outlets and offices with its wide angle capabilities.

- 112-degree wide angle-of-view and 3x optical zoom
- Full-HD supported (1920x1080)
- Minimum subject illumination: Color 0.3lux / B&W 0.015lux\*4
- Built-in PTRZ function
- Power focus function
- H.264 supported
- ONVIF Profile S supported\*3
- Screen clipping enabled

WIDE ANGLE

## VB-H710F

Excellent Low Light Performance

A high level of functionality through built-in intelligent functions, excellent low light performance, and design makes this camera highly-effective at night in wide-ranging security situations like museums, ATMs and banks.

- 112-degree wide angle-of-view and 3x optical zoom
- Full-HD supported (1920x1080)
- Minimum subject illumination: Color 0.3lux / B&W 0.015lux\*4
- Built-in PTRZ function\*2
- Power focus function
- H.264 supported
- ONVIF Profile S supported\*3
- Screen clipping enabled

LOW LIGHT PERFORMANCE

## 20X HIGH-MAGNIFICATION ZOOM

The VB-H41 camera is meticulously built with a best-in-class 20x optical and 12x digital (a maximum of 240x) zoom lens that comes with high-speed AF. With the built-in image stabilizer function, full-HD high quality video recording\* is maintained even during PTZ to ensure that your output is recorded with minimum blur due to motion shake.

The VB-H610VE, VB-H610D and VB-H710F models are equipped with the "electronic rear focus system" 3x zoom lens for fast focus and maintaining focus while zooming.

\*Full-HD image resolution is valid only within the optical zoom area. Using digital zoom will decrease the image quality.

## HIGH PERFORMANCE FULL HD VIDEO

Get exceptionally high quality, low noise, vivid color reproduction, and smooth gradations with the powerful DIGIC DV III Image Processor also used in Canon EOS C300/EOS C300 PL and XF Series professional video cameras. High image quality of full HD video recording effectively minimizes deterioration in the quality of enlarged display of video feed.

## OUTSTANDING LOW LIGHT PERFORMANCE

Harnessing the competencies of the DIGIC DV III Image Processor and a bright lens and video quality optimization, noise reduction control and color reproduction have been enhanced.

Use functions like Smart Shade Control (SSC) to brighten darker areas and illuminate subjects further; Automatic Night Mode Switch to adjust up to 5 levels of sensitivity and brightness in varying light conditions.

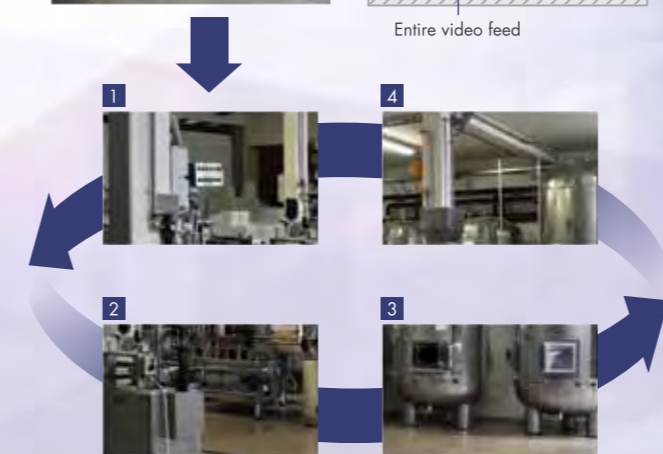
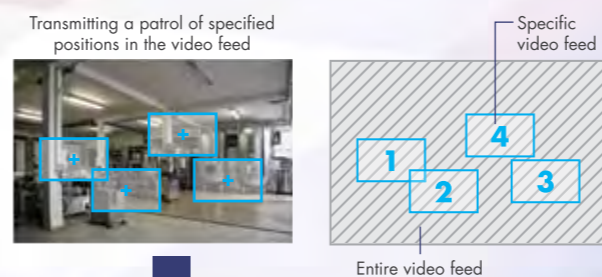


Original Using Smart Shade Control

## EXCEPTIONAL CAMERA PERFORMANCE

### WIDE-ANGLE MONITORING

With an aperture of F1.2, and a wide 112° horizontal angle of view lens for VB-H610VE, VB-H610D and VB-H710F models, optimal low light performance and wide-angle monitoring are achieved. Utilizing the wide angle capabilities, these cameras can also clip several sections of the video and transmit them with the entire video feed simultaneously.



VB-H41 is also equipped with a wide end lens, allowing a horizontal angle view of 60.4°. Up to 20 preset positions can be set in the VB-H41 using PTZ and Preset Tour functions. With a panning range of ±170°, the VB-H41 can be controlled via a PC. Alternatively, it can be programmed to move from one preset position to the next at regular intervals so as to monitor a wide area.

## ENHANCED TRANSMISSION PERFORMANCE

### HIGH-CAPACITY, HIGH-SPEED VIDEO TRANSMISSION

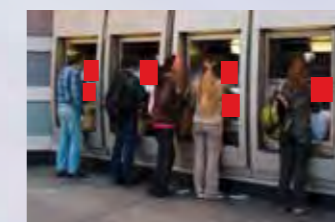
With the DIGIC Net II Imaging Processor, high-quality video feeds can be transmitted without losing frames, due to its accelerated transmission performance that is 2.5 times better than conventional cameras.\*1 The multi-codec function transmits JPEG and H.264\*2 data at the same time, therefore allowing simultaneous support of differing requirement of applications such as live monitoring and video recording.

Note: \*1 When an MPEG is transmitted in a single stream. However, the frame rate is subject to degrade depending on your PC performance, the number of connected cameras, the number of transmissions, and network status.

\*2 To display H.264 video feeds, use the software provided with the camera. This video feed cannot be displayed with the Administrator Viewer or the VB Viewer. H.264 video cannot be transmitted simultaneously in multiple streams.

### SMART PRIVACY SETTING

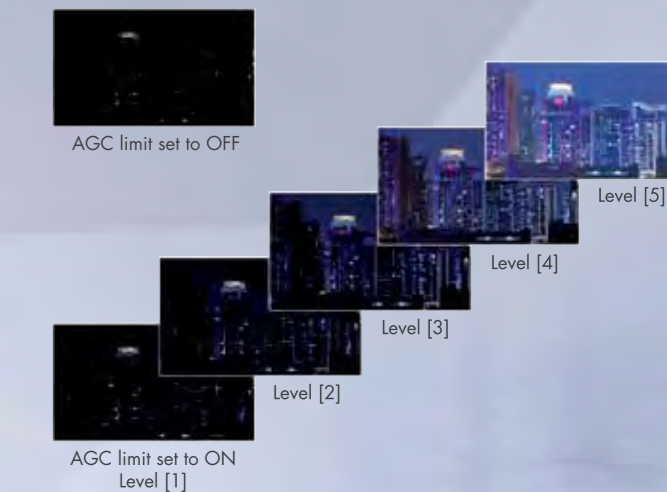
To prevent invasion of privacy and theft of sensitive information, the Privacy Mask function allows detailed concealment of up to 8 areas even when pan/tilt/zoom is operated. By blocking certain areas of the camera's view, fine security countermeasures are realized.



Masking the keypad of ATMs

### AGC (AUTO-GAIN CONTROL) LIMIT

Reduce video feed roughness and improve visibility by setting the exposure to automatic in AE mode. You can set the gain upper limit to one of five levels.



### SECURED DATA TRANSMISSION

IPsec prevents IP packets from being compromised by using a unique cryptographic technology. This Internet-Layer IP protection system also enables layers to protect data that is transmitted without encryption.

By encrypting with SSL/TLS, it is possible to transmit data securely. Also, encryption via hardware processing lightens the load on the transmission engine.

## SUPPORTIVE MANAGEMENT TOOLS & BUNDLED SOFTWARE

### EASY INSTALLATION

The provided CD recording software now has an auto installer that includes applications, certificates and libraries. Auto IP and DHCPv6 have also been added to the current Setting Page, and even a setting to toggle daylight saving time. All these come together to greatly reduce camera installation time.

### USER-FRIENDLY VIEWING

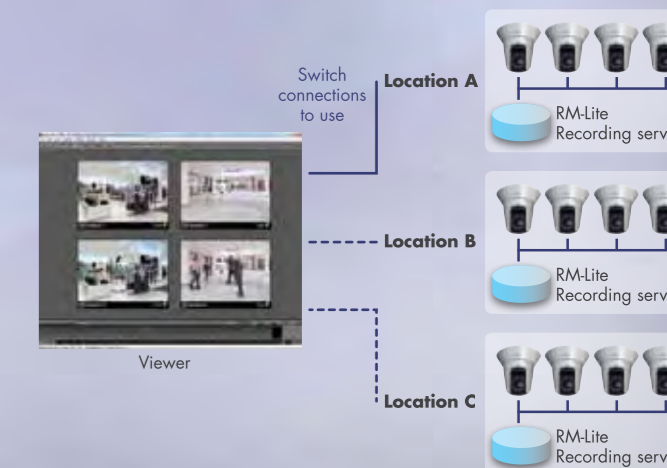
Both Admin and VB Viewers support full screen, wide 16:9, Full HD display, while nearly all functions like displaying the camera control menu, can be used easily by right-clicking the mouse.

The Admin Viewer control panel and panorama display area can be shown as separate windows and placed anywhere on the screen. The control panel can also reopen in the same location after it is closed, improving usage of the Admin Viewer.



### RECORDING SOFTWARE RM-LITE

Reduce initial cost with the "Network Video Recording Software". It lets you register/record up to four cameras, display live H.264, MPEG-4, and JPEG feeds on multiple screens (up to eight windows). Moreover, these cameras can be operated at multiple locations by simply switching connections.



Notes: \*1 This is a genuine Canon option. \*2 VB-H710F supports only power zoom and power focus control. \*3 Profile S, the new version as of May 2012, is supported. \*4 Minimum subject illumination with 1/30 shutter speed and without Smart Shade Control.