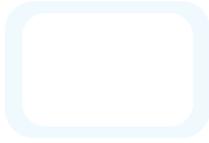
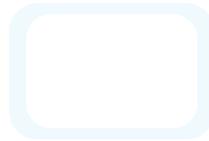
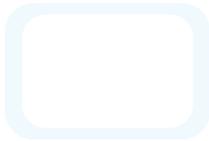
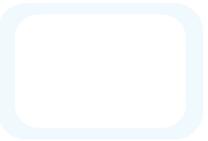
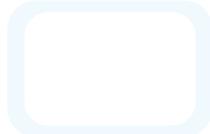
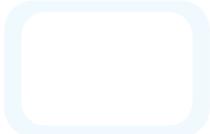


SUPERIOR OPTICS. OUTSTANDING PERFORMANCE.

Connect with Canon's Full Line of Network Video Solutions.



DIGIC NET

smart shade control

multi-directional shock absorber



image stabilizer

motion detection

40x optical zoom

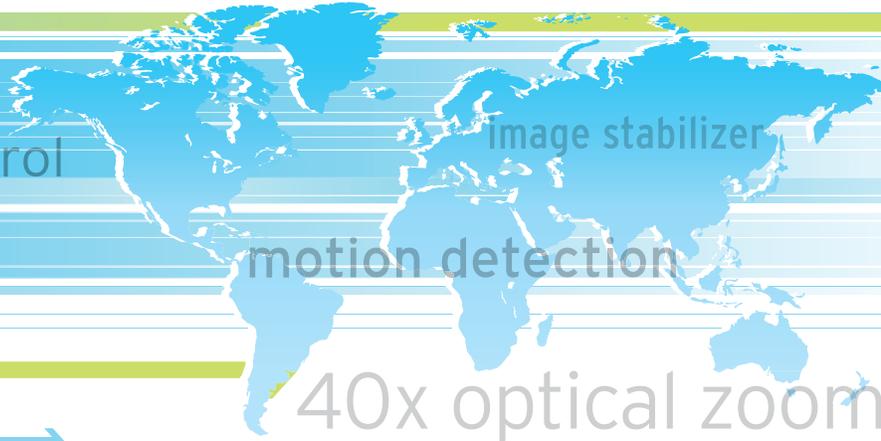
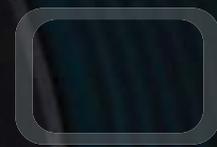
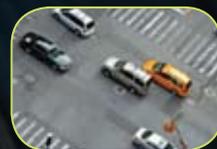


IMAGE QUALITY MATTERS

Canon: Focused on Leadership

Looking for excellence in Network Video Solutions? You've come to the right source. For over 70 years, Canon's heritage in optics and color management have remained unrivaled. Unlike other manufacturers, Canon's main focus is the optical sciences. We spend significant R&D resources in cultivating growth in the five "imaging engines" – image capturing, electrophotography, inkjet printing, photolithography and displays – and these exciting breakthroughs benefit every Canon product. Our full line of Network Video Solutions is no exception. From the creation of the incomparable Canon lens to Canon's high-accuracy color management system, Canon optics are best-of-breed. The image of perfection.





Capability Without Boundaries

Today, the need has never been greater for effective, reliable security. That's a given. And Canon Network Video Solutions certainly answer the call. And yet, these products are so flexible and versatile in performance, their capabilities extend beyond security surveillance and are utilized in a host of industries and purposes, including:

- Remote monitoring for quality assurance at manufacturing and retail locations
- Web-based property observation applications for use by hotel and resort guests
- Distance learning and other video sharing operations
- Traffic reporting for broadcast by TV and municipalities

The possibilities are endless. Wherever there's a need for dependable capture, recording and distribution of video, Canon Network Video Solutions deliver on all counts.

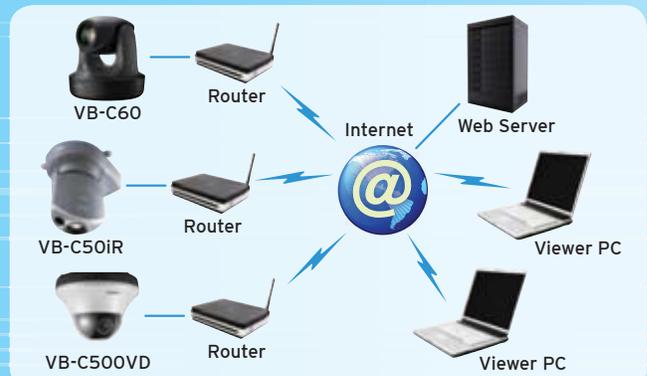
Advanced Canon technology lets you maximize every opportunity. Our Network Video Solutions are operated – on site or remotely – with intuitive single-point-of-management convenience. They come fully Web-enabled for easy networking across LAN or WAN environments. And proprietary Canon breakthroughs like DIGIC NET allow for quality video capture and streaming at full 30fps. These advances, and so many more – like ingenious power options for reducing installation costs – all make Canon your reliable, flexible, compatible choice for Network Video Solutions.

DIGIC NET

Canon network cameras are equipped with a powerful network video processor called DIGIC NET. This proprietary hardware-based compression engine performs all image processing, encoding, encryption and transmission. Cameras that process or encode images using PC software use a lot of CPU power, which results in lowered frame rate. With DIGIC NET, each step uses virtually zero PC CPU power. It's processor is powerful enough on its own to simultaneously deliver both M-JPEG and MPEG-4 video in high-quality VGA size (640 x 480) at the maximum rate of 30fps. M-JPEG images can be distributed in three sizes simultaneously. DIGIC NET's data transmission capabilities ensure super-smooth video for every application.



LAN INTERNET ENVIRONMENT



Canon Cameras: An Eye on Performance

At the heart of each Canon Network Video Solution is a powerful Canon camera. These models represent technology's finest for commercial and industrial applications. And with world-class Canon engineering and design, form and function come together to achieve spectacular results. Compact bodies with stylish designs assure unobtrusive installation. Super-wide-angle lenses, enhanced by the industry's most powerful zooms plus auto-focus help you increase clarity and coverage while deploying less gear. Powerful software solutions put more control in your hands. Our lineup of Network Video Solutions covers every need.

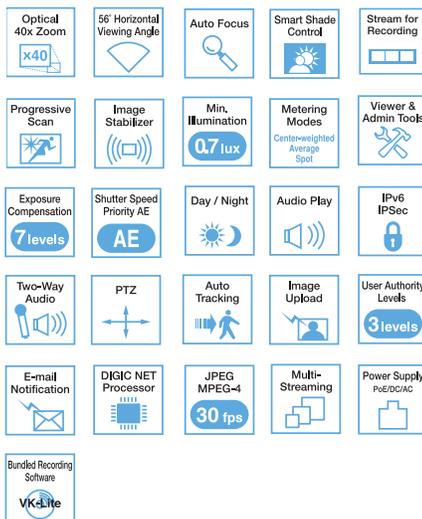


VB-C60 PTZ Network Camera

Item Code: 2812B015

The VB-C60 is an extremely flexible and versatile camera, capable of capturing, recording, and distributing video for a wide range of purposes both indoors and outdoors.

- 40x Optical Zoom – Industry's Most Powerful
- 56° Field-of-View Wide-Angle Lens
- Full 360° Horizontal Coverage with Extreme Pan & Tilt
- Fast, Pinpoint Auto-Focus
- PoE (Power over Ethernet)
- Auto Day and Night Mode
- Motion Detection and Auto-Tracking
- Powerful DIGIC NET Processor
- Simultaneous JPEG & MPEG-4 Video Streaming at Full 30fps
- Smart Shade Control

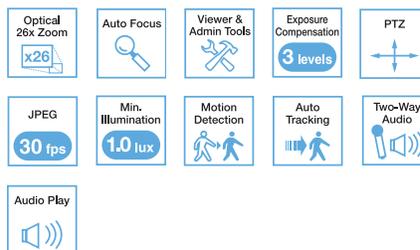


VB-C50i/R PTZ Network Camera

Item Code: VB-C50i 9781A008 / VB-C50iR 9782A007

One of Canon's most advanced network cameras, the VB-C50i combines a high-precision PTZ (pan, tilt, zoom) camera and a built-in Web and FTP server – all in one sleek, attractive, compact unit. The VB-C50iR is the ceiling-mounted version of the VB-C50i.

- 26x Optical Zoom
- Low-Light Sensitivity – Color Imaging with Only 1 Lux Illumination
- Infrared Image Capture in Night Mode
- Motion Detection and Auto-Tracking
- Preset Tours For Auto-Movement Through 20 Viewing Angles
- Built-In Network Camera Server
- Two-Way Audio Capability (with optional VB-EX50)

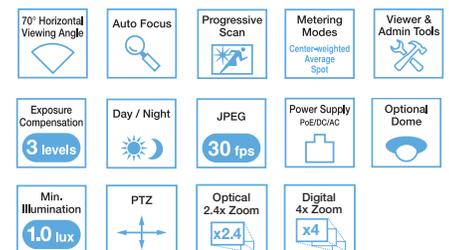


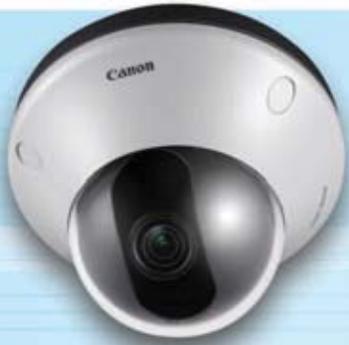
VB-C300 Wide-Angle PTZ Network Camera

Item Code: 1867B002

The VB-C300 offers wide coverage and exceptional image quality to meet the needs of diverse applications. It's ideal for on-site or remote monitoring in tight spaces as well as comprehensive surveillance of large sites.

- 70° Wide-Angle AF Lens
- 2.4x Optical Zoom / 4x Digital Zoom
- Low-Light Sensitivity – Color Imaging with Only 1 Lux Illumination
- Full 360° Horizontal Coverage with Extreme Pan & Tilt
- Auto Day and Night Mode
- Fast, Pinpoint Auto-Focus
- PoE (Power over Ethernet)
- Built-In Network Camera Server
- Two-Way Audio Capability



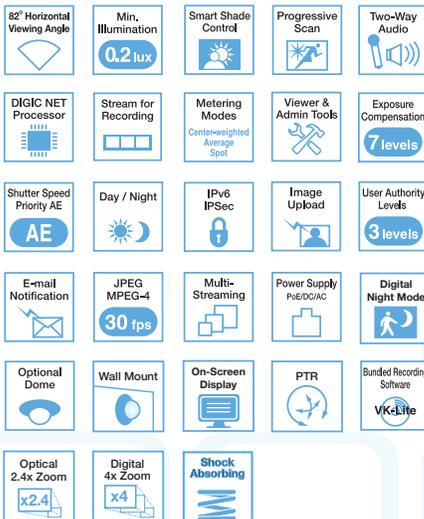


VB-C500VD Mini-Dome Network Camera

Item Code: 4073B002

The vandal resistant VB-C500VD is the perfect choice for monitoring correctional facilities, transportation areas, financial institutions, schools and retail stores. The camera exterior is made from durable, high-shock resistant materials, providing protection against tampering and vandalism.

- Vandal Resistant Housing
- Multi-Directional Shock Absorber
- Tamper Proof Screws
- 82° Field-of-View Wide Angle Lens
- 2.4 Optical / 4x Digital Zoom
- Low Light Sensitivity - Color Video with Only 0.2 Lux Illumination
- Smart Shade Control
- Powerful DIGIC NET Processor
- On-Screen Display Function



VB-C500D Mini-Dome Network Camera

Item Code: 3934B005

The VB-C500D is ideally suited for a wide variety of applications where discreet, high-quality surveillance over a network is important—making it the perfect choice for monitoring tight spaces such as ATMs, elevator lobbies, and building entrances. The camera can easily be surface or recessed mounted.

- 82° Field-of-View Wide Angle Lens
- 2.4 Optical / 4x Digital Zoom
- Low Light Sensitivity - Color Video with Only 0.2 Lux
- Smart Shade Control
- Powerful DIGIC NET Processor
- On-Screen Display Function



VB-C50FSi Fixed Network Camera

Item Code: 0777B002

For monitoring applications that require high image quality and clarity, the VB-C50FSi is a powerful, cost-effective solution. It's ideal for securing building entrances, ATMs, and other locations that don't require pan and tilt control.

- 26x Optical Zoom/12X Digital Zoom
- PoE (Power of Ethernet)
- Motion Detection
- 10 Zoom Presets
- Built-In Network Camera Server
- Two-Way Audio Capability (with optional VB-EX50)



Versatile Features for Viewing Excellence

These features are shared by many of our Network Video Solutions. Be sure to refer to the chart in the back for a detailed listing of specifications.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



GENUINE CANON OPTICS

Industry's Most Powerful Zooms

With all of our network cameras, you get the superior optics that have become synonymous with the Canon brand. For optimal monitoring and recording of key moments and details at faraway distances, we offer a wide range of zoom lenses on our network cameras, from the powerful 26x on the VB-C50i/R and VB-C50FSi, to the industry's most powerful 40x on the VB-C60.

26x zoom

40x (maximum) zoom



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Industry's Widest Lenses

Featuring some of the industry's widest angle lenses for PTZ network video cameras, Canon cameras have horizontal fields of view ranging from 56° on the VB-C60 to an astonishing 70° on the VB-C300 and 82° on the VB-C500 series. The broadened visibility offered by these wide lenses ensures expanded monitoring of your location site.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Auto Focus

Canon's Auto Focus system achieves smooth and immediate focus while maintaining edge-to-edge tonal accuracy and clarity throughout the entire zoom range. The VB-C60 is equipped with an advanced Auto Focus feature that accomplishes this even faster.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Smart Shade Control

If the background of an image is too bright to discern the main subjects, you can adjust the contrast of the darker areas to make it easier to see. Unlike backlight compensation, Smart Shade Control adjusts darker areas of the image while maintaining the brightness of the brighter areas, so the background image remains clear without being "blown-out."



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Progressive-Scan CCD Video

Progressive-Scan CCD technology allows for the capture of noiseless, high-quality video of moving subjects. Genuine Canon optics combined with high-sensitivity CCD provides optimal contrast, and primary-color CCD also delivers excellent colors and tonal quality, even in low light.

Interlaced Scan



Progressive Scan



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Image Stabilization

Canon's Image Stabilization feature effectively works to compensate for image blur caused by shaking of camera when mounted on ceilings, poles, or other places subject to vibration.

Original



Image Stabilization



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Three Metering Modes

In order to more accurately set camera exposures, Canon offers three selectable metering modes for measuring the brightness (amount of light) of subjects – a first in this class of network cameras. Choose from "Average", "Center-Weighted" or "Spot", depending on given conditions.



VB-C60
VB-C500D
VB-C500VD

Multi-Level Exposure Compensation

For automatic exposure compensation, Canon technology offers distinct levels of correction ranging from three with the VB-C50i/R, VB-C300, and VB-C50FSi, to seven with the VB-C60 and VB-C500 series. In addition to positive correction for backlit situations, select models provide negative correction, as well, for overly bright conditions. The installer can also set the white balance and the light source to perfectly match the environment.



VB-C60
VB-C50i/R
VB-C300
VB-C50FSi



1x wide angle

Backlight Compensation with Smart Shade Control

Original



Smart Shade Control





Shutter Priority Auto Exposure

This function allows you to select a desired shutter speed, and the camera will then set the matching aperture value for the proper exposure. If you change the shutter speed, or the light level changes, the camera adjusts the aperture value automatically. This is ideal for fast-moving subjects, such as cars in motion, where setting a faster shutter speed will ensure blur-free capture.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



Exceptional Low-Light Performance

Canon's bright lenses combined with high-sensitivity CCD technology, as well as Canon's proprietary imaging engine, all work together to provide clear visibility of subjects and surroundings even in low-light conditions. In fact, the VB-C500 Series provides clear color images in just 0.2 lux of available light.

VB-C500D
VB-C500VD



VB-C60



VB-C50i/R
VB-C300
VB-C50FSi

Original Low-light Performance



Auto Day/Night Capability

The Auto Day/Night feature switches settings automatically when needed for dark nighttime conditions. You can select up to five different brightness levels for Auto Day/Night switching, delivering more options for a wider range of environments.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

CAMERA CONTROL & FUNCTIONALITY



PTZ - Pan/Tilt/Zoom

PTZ capability moves the camera right-to-left and up-and-down, making it easy to adjust the angle of view. The camera's viewing angle can be easily adjusted via software, and images remain exceptionally clear and blur-free during PTZ movement.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



Sensor & Alarm Trigger

Select cameras are equipped with built-in terminals for connecting various external devices such as sensors and alarms. An optional adapter is needed to perform this function with the VB-C50i/R and VB-C50FSi. Optional cable required for the VB-C500 Series.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



Motion Detection with Subject Auto-Tracking

Motion detection capability enables you to set up to four motion detection areas, each with varying levels of sensitivity. When subject motion (a change in pixels) is detected, the camera can be set to pan and tilt to follow the subject's movement. Pre-recorded audio can also be set to playback on cue.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



Image Upload & E-mail Notification

When a subject's motion is detected, or if an external sensor is triggered, the VB-C60 and VB-C500 series can automatically send the images to any desired location via e-mail—even to a mobile phone, PDA, or other portable e-mail address. The VB-C60 and VB-C500 series can also be set to upload these images to a website. With all seven cameras, pre-recorded audio can be set to playback on site.

VB-C60
VB-C500D
VB-C500VD



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



Multiple Audio Functions

Advanced audio features allow for real-time audio transmission, both to and from an authorized network PC. Full duplex, two-way audio allows administrators who are logged into the Administration Viewer interface to listen in on a camera site, make announcements to the site, or do both at the same time. Pre-recorded audio can also be set to playback when triggered by an event, such as motion detection. An optional adapter is needed to accomplish this with the VB-C50 Series. Optional cable required for the VB-C500 Series.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

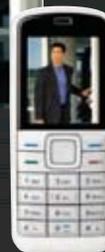
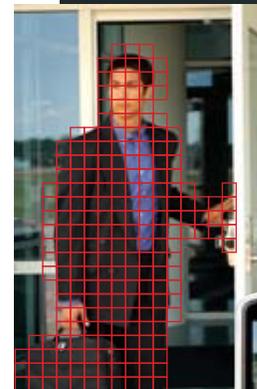


On-Screen Display for Captured Video

The on-screen display function allows the date, time, and camera name (or any character combination up to 15 characters) to be embedded into the video. This helps to distinguish different cameras at a glance. Embedding the date and time eliminate the need to search for date and time information. To improve the visibility of the information, users can also change the display position, color of the text, and color of the text outline.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

e-mail >>> alarm



Motion detection and alarm features may notify you of an event via PDA or cell phone.

DATA ENCODING & TRANSMISSION



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Powerful DIGIC NET Processor

DIGIC NET is a powerful, proprietary, hardware-based compression engine that performs all image processing and encoding. Many cameras process or encode images via PC software, which expends extensive CPU capacity and results in lowered frame rate. With DIGIC NET, each step of the imaging process – capturing, processing, encoding and transmitting – uses virtually zero CPU capacity.

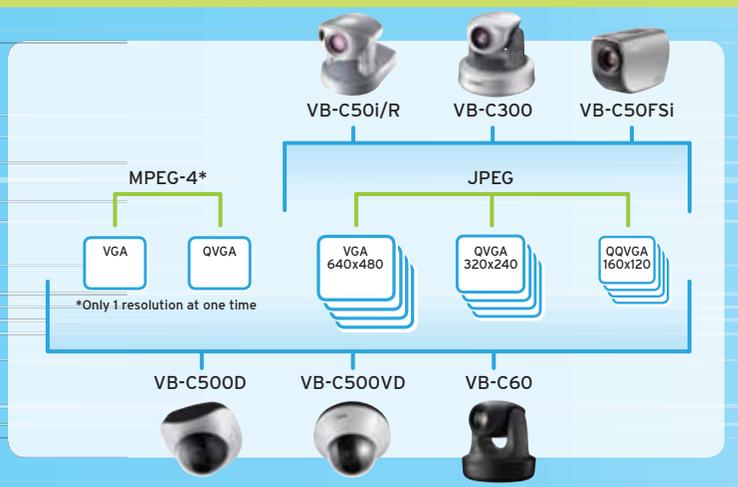


VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Simultaneous Data Distribution

With simultaneous data distribution, image capture can be delivered in both M-JPEG and MPEG-4 video, and in high-quality VGA size (640 x 480 pixels), all at the maximum frame rate of 30fps. The high-image quality of M-JPEG video is ideal for live monitoring, while the MPEG-4 format is better suited for recording, due to its smaller file size and lighter network load. Up to 30 simultaneous users can access and view video images at the same time.

POWERFUL DATA TRANSMISSION CAPABILITIES



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Multi-Streaming

Cameras with the multi-streaming feature can distribute JPEG images in three sizes simultaneously. The smallest size, 160 x 120, is used for cell phones or PDAs. The 320 x 240 middle size proves useful when monitoring multiple cameras on a single screen. And the larger size, 640 x 480, is ideal for storing high-resolution images.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

Recorded Stream Functionality – Only available with Canon

If network congestion causes frames to drop during live data transmission, this feature will buffer, save, and restore missing frames for one minute (at up to 10 fps) until the congestion is alleviated. When recorded video is later played back, all frames are included at the proper frame rate.

SECURITY

IPsec Support

IPsec, or IP security, is a set of protocols for encrypting data streams to secure IP communications. IPsec secures the data flow to and from the camera, and permits access only to authorized users.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

User Access Restriction

User access restriction provides three levels of user access to help ensure maximum but customizable security. In addition to the Administrator, who has control over the entire system, other users on the system can be divided into registered (authorized) users and general (anonymous) users.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

CONNECTIVITY & INSTALLATION

PoE (Power over Ethernet)

Canon's Power over Ethernet (PoE) technology with IEEE802.3af Compliance allows the use of a single LAN cable to both power the camera and transfer video and audio data when connected to a PoE midspan or switch. Because a power cable is not required, PoE eliminates the cost of running expensive power cabling.



VB-C60
VB-C300
VB-C50i/R
VB-C500D
VB-C500VD
VB-C50FSi

HOUSING PERFORMANCE

Vandal Resistant Housing

High-shock resistant materials reduce the possibility of outer damage caused by vandalism. The base is made of a heat-resistant polycarbonate and ABS mixture, the body from tough alloyed aluminum, and the dome cover casing is made of strong polycarbonate plastic.



VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi



Tamper Proof Screws

Specially shaped screws are used to fix the camera and the dome cover case. The screws provide an added level of security by their drive design that prevents removal with ordinary screwdrivers, effectively minimizing damage from wrongful acts.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

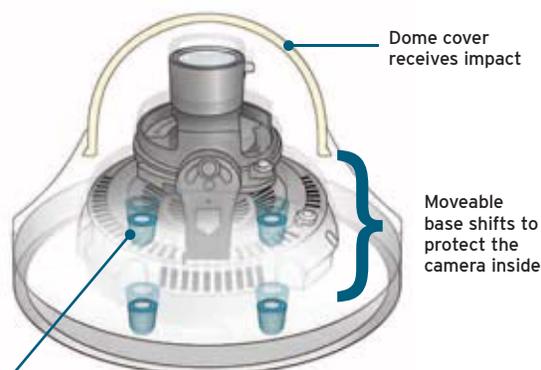


Multi-Directional Shock Absorber

Canon's unique shock absorbing mechanism on the camera unit effectively eases the effects of high impact blows to the camera housing, protecting the camera inside.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

VB-C500VD HOUSING PERFORMANCE



Springs shift lens base towards the direction of the momentum to disperse the force of the impact.

BUNDLED SOFTWARE



Viewer and Administration Tools

Canon offers a wide range of software options to satisfy your diverse image capture requirements. Some come packaged with our cameras, and others can be integrated separately.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

- **Panorama Image Creation Tool** - This useful tool creates a single image that displays the full field of view of the camera's capture area.
- **View Restriction Tool** - Set restrictions on the pan/tilt/zoom range (VB-C60 and VB-C50i/R) or zoom range (VB-C50FSi) that is accessible by viewers.

VB-C60
VB-C50i/R
VB-C300
VB-C500D
VB-C500VD
VB-C50FSi

- **Preset Setting Tool** - Administrator can appoint up to 20 preset viewing angles. Once registered, clicking on a preset automatically moves the camera to a desired position.*
*The VB-C50FSi only offers 10 zoom presets.

- **Schedule Setting Tool** - Provides the ability to set up Timer, Motion Detection, Night Mode, External Device Input, and External Device Output services to automatically perform on a specified day of the week or at a certain time of day.

- **Viewer for Administrators** - Features special privilege functions such as exclusive access to camera control functions, and external device and motion detection operation.

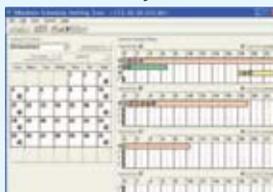
- **NC Viewer** - Permits viewing of live video images from the network camera and features an easy-to-use interface for controlling camera functions such as PTZ.

- **VK-Lite v2.2 Software** - Gives administrator the ability to monitor, record, and play back images from up to four cameras on a single screen.

- **Preset Tour Capabilities** - Lets administrator establish a tour of preset locations with specified times and varying intervals for the system to cycle through.

VB ADMINISTRATION TOOLS

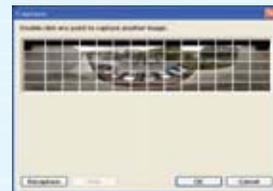
Schedule Setting Tool



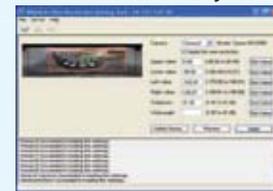
Motion Detecting Setting Tool



Panorama Creation Tool



View Restriction Setting Tool



Smart Software; Brilliant Capabilities.

VK-64 Network Video Monitoring & Recording Software

Item Code: 4075B001

For large-scale, multi-location operations in which you can utilize up to 64 Canon network cameras, choose our VK-64 Network Video Monitoring & Recording Software. In addition to a variety of easy-to-use image and camera control functions, you'll find many unique features that set Canon software apart.

Camera Control

Take control of each camera directly from the live video window, or use the convenient camera control panel for quick and easy control.

Smart Shade Control

Smart Shade Control enables you to fine-adjust background brightness and contrast, so you can see your main subjects more clearly in the foreground.

Customizable Viewing Screens

Customize the quantity, size and placement of image windows in the image display area to set up viewing formats that best suit your needs.

Remote Monitoring & Recording

Using an IP network, you can record captured video from a remote camera server, and then use this recorded content as a crucial off-site backup.

Simultaneous Image Display & Playback

With an SXGA monitor, up to 35 screens of live or recorded images can be displayed or played back simultaneously.

VK-16 Network Video Monitoring & Recording Software

Item Code: 4075B002

For smaller operations, there's our VK-16 Network Video Monitoring & Recording Software. It covers all the functionality of our VK-64 solution, but does so for up to 16 network cameras only.

VK-Lite Network Video Monitoring & Recording Software

Item Code: 3331B001

With setups requiring basic monitoring, recording and playback capability for no more than four network cameras, Canon offers the VK-Lite Network Video Monitoring & Recording Software.

VK Viewer Network Video Monitoring Software

Item Code: 1-license 4075B003 / 5-license 4075B004

For those that only require viewing capability, the VK Viewer displays exactly what you need to see, allowing you to monitor several cameras on one screen. Size and arrange multiple video windows for easy monitoring. Can also be used to access VK-64/16 storage servers.

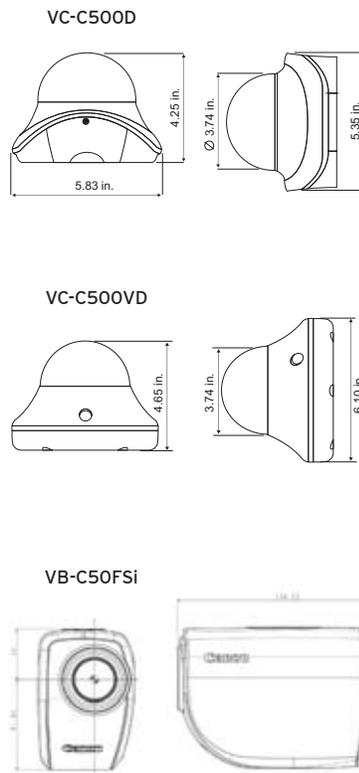
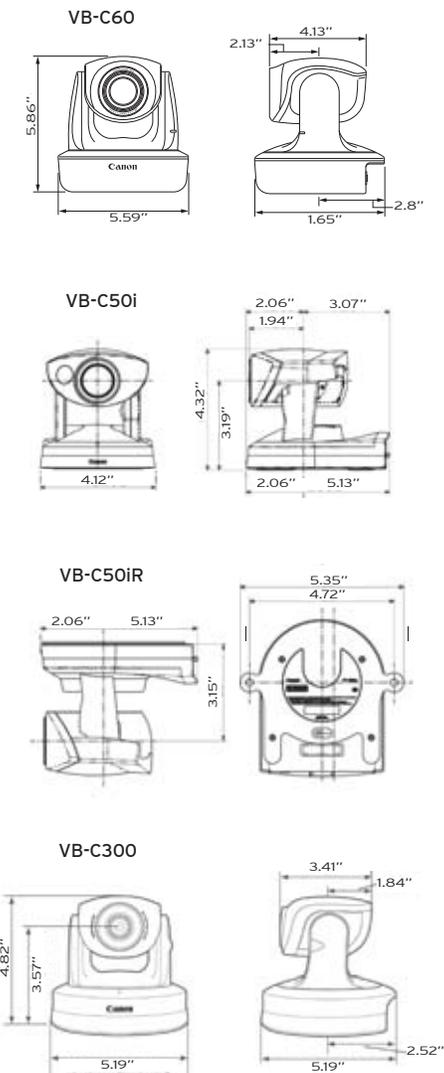
CUSTOMIZABLE VIEWING SCREENS



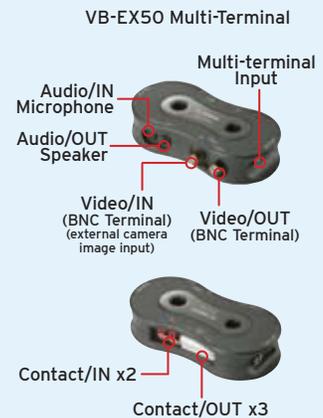
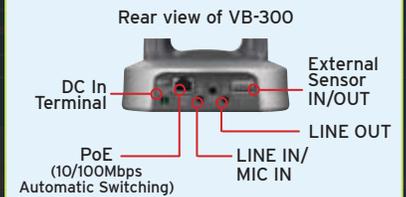
CAPACITY CHART

No. of Cameras	Image Size	Frame Size	Network Traffic		Storage Volume	
			fps	capacity	1 day	1 month
1	320x240	15kb	1fps 5fps	120kbps 600kbps	1GB 6GB	37GB 187GB
	640x480	50kb	1fps 5fps	420kbps 2Mbps	4GB 20GB	122GB 608GB
10	320x240	15kb	1fps 5fps	1.2Mbps 6Mbps	12GB 62GB	373GB 1,866GB
	640x480	50kb	1fps 5fps	4Mbps 20Mbps	41GB 203GB	1,216GB 6,081GB

MEASUREMENT CHART



CONNECTIVITY



*Conforming to 100Base-TX PoE power supply (conforming to the IEEE 802.3af standard)

Specifications

NETWORK CAMERAS

Specs	VB-C60 ITEM CODE: 2812B004	VB-C50i / VB-C50iR ITEM CODE: 9781A008 / 9782A007	VB-C300 ITEM CODE: 1867B002	VB-C500D / VB-C500VD ITEM CODE: 3934B005 / 4073B002
Image Sensor	1/4-inch CCD (primary color filter)	1/4-inch CCD (complementary filter)	1/4-inch CCD (primary color filter)	1/4-inch CCD (primary color filter)
No. of Pixels	Effective 310k pixels	Effective 340k pixels	Effective 340k pixels	Effective 310k pixels
Scanning Method	Progressive	Interlace	Progressive	Progressive
Lens	40x optical zoom lens with AF (digital 4x)	26x optical zoom lens	2.4x optical zoom lens with AF (digital 4x)	2.4x optical vari-focal lens (digital 4x)
Focal Length	f=3.4mm (W) ~ 136.0mm (T)	f=3.5mm (W) ~ 91.0mm (T)	f=3.0mm (W) ~ 7.2mm (T)	f=2.6mm (W) ~ 6.2mm (T)
F-number	F1.6 (W) ~ F5.6 (T)	F1.6 (W) ~ F4.0 (T)	F2.0 (W) ~ F3.4 (T)	F1.1 (W) ~ F1.4 (T)
Angle of View	Pan Range: 55.8° (W) ~ 1.6 (T) Tilt Range: 43.3° (W) ~ 1.2 (T)	Pan Range: 42.0° (W) ~ 1.7° (T) Tilt Range: 31.5° (W) ~ 1.2° (T)	Pan Range: 70.8° (W) ~ 29.6 (T) Tilt Range: 51.6° (W) ~ 22.1 (T)	Pan Range: 82° (W) ~ 34° (T) Tilt Range: 60.5° (W) ~ 25.5° (T)
Day mode/ Night mode	Switch between Auto/Manual	Manual only	Switch between Auto/Manual	Switch between Auto/Manual
Min. Subject Illumination	Day mode: 0.7lux (F1.6, color, 1/30 sec.) Night mode: 0.2lux (F1.6, monochrome, 1/30 sec.) with Indoor dome housing VB-RD51S-S (smoked) Day mode: 1.4lux (F1.6, color, 1/30 sec.) Night mode: 0.4lux (F1.6, monochrome, 1/30 sec.)	Day mode: 1.0lux (F1.6, color, Interlace 1/30 sec.) Night mode: 0.35lux (F1.6, monochrome, Interlace 1/30 sec.) with a built-in IR light: 0lux (F1.6, monochrome, Interlace 1/30 sec.)	Day mode: 1.0lux (F2.0, color, 1/30 sec.) Night mode: 0.25lux (F2.0, monochrome, 1/30 sec.) with Indoor dome housing VB-RD41S-S (smoked) Day mode: 2.0lux (F2.0, color, 1/30 sec.) Night mode: 0.5lux (F2.0, monochrome, 1/30 sec.)	Day mode: 0.2lux (F1.1, color, 1/30 sec., Smart Shade Control=on)* 0.5lux (Smart Shade Control=off) Night mode: 0.1lux (F1.1, monochrome, 1/30 sec., Smart Shade Control=on)* 0.2lux (Smart Shade Control=off)
Focus	Auto/ One-shot AF/ Manual/ Fixed focus at infinity (for dome use)	Auto/Manual	Auto/ Auto (for dome use)/ Fixed focus at infinity/ Manual/ One-shot AF	Manual
Focus Range	Day mode: (W) 11.8in. ~ ∞ / (T) 59in. ~ ∞ Night mode: (W) 11.8in. ~ ∞ / (T) 59in. ~ ∞ (with IR light of Night mode: (W) 19.7in. ~ ∞ / (T) 70.9in. ~ ∞)	Day mode: (W) 3.9in. ~ ∞, (T) 63in. ~ ∞ Night mode (with IR light): (W) 0.79in. ~ ∞ (T) 90.6in. ~ ∞	Day mode: (W) 11.8in. ~ ∞ / (T) 11.8in. ~ ∞ Night mode: (W) 11.8in. ~ ∞ / (T) 11.8in. ~ ∞ (with IR light of Night mode: (W) 23.6in. ~ ∞ (T) 23.6in. ~ ∞)	Day and Night modes: 0.7m closest ~ ∞
Shutter Speed	1/1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/50, 1/60, 1/100, 1/120, 1/150, 1/500, 1/1000, 1/2000, 1/4000, 1/8000 sec.	1/60, 1/100	1/60, 1/100	1/1 ~ 1/8000 sec.
White Balance	Auto/One-shot/Presel/Manual	TTL system, Auto	TTL Auto/One-shot/Presel/Manual	Auto/Light Source/Lock (One-shot WB)
Optical Measurement System	3 options (Center-weighted metering mode/Average metering mode/Spot metering mode)	-	-	3 options (Center-weighted metering mode/Average metering mode/Spot metering mode)
Exposure Compensation	7 levels	3 levels	3 levels	7 levels
Camera Shade Correction	7 levels	-	-	7 levels
Image Stabilizer	Electric (ON1/ON2/OFF)	-	-	350° (±175°)
Pan Angle Range	340° (±170°)	200° (±100°) / 340° (±170°)	340° (±170°)	150° (±75°)
Tilt Angle Range	Upright: 115° (-25° ~ 90°) / Ceiling-mount: 115° (-90° ~ 25°)	120° (-30° ~ 90°) / 100° (-90° ~ 10°)	Upright: 115° (-25° ~ 90°) / Ceiling-mount: 115° (-90° ~ 25°)	350°
Moving Rate	Pan: Max. 150°/sec. Tilt: Max. 150°/sec.	Pan: Max. 90°/sec. Tilt: Max. 70°/sec.	Pan: Max. 90°/sec. Tilt: Max. 70°/sec.	-
Video Compression Method	JPEG (for video: Motion-JPEG) / MPEG-4 Simultaneous transmission is available	JPEG (for video: Motion-JPEG)	JPEG (for video: Motion-JPEG)	JPEG (for video: Motion-JPEG) / MPEG-4 Simultaneous transmission is available
Output Image/Video Size	JPEG: 640×480/320×240/160×120 Multi-Size Distribution (distribute images in 3 sizes simultaneously) MPEG-4: 640×480/320×240 fixed size delivery	JPEG: 640×480/320×240/160×120 fixed size delivery	JPEG: 640×480/320×240/160×120 fixed size delivery	JPEG: 640×480/320×240/160×120 MPEG-4: 640×480/320×240
Video Quality	JPEG/MPEG-4: 5 levels JPEG: can be set by each video size	JPEG: 10 levels	JPEG: 5 levels	JPEG/MPEG-4: 5 levels JPEG: can be set by each video size
Frame Rate	Motion-JPEG: 30 ~ 0.1fps MPEG-4: 30/15/10fps	Motion-JPEG: 30 ~ 0.1fps	Motion-JPEG: 30 ~ 0.1fps	Motion-JPEG: 30 ~ 0.1fps MPEG-4: 30/15/10fps
Max. Frame Rate	Motion-JPEG: Max. 30fps (640×480) *1 MPEG-4: Max. 30fps (640×480) *1	Motion-JPEG: Max. 30fps (640×480)*	Motion-JPEG: Max. 30fps (640×480)*	Motion-JPEG: Max. 30fps (640×480) *1 MPEG-4: Max. 30fps (640×480) *1
Simultaneous Client Access	Max. 30 clients (MPEG-4: Max. 10 clients)	Max. 50 clients	Max. 15 clients	Max. 30 clients (MPEG-4: Max. 10 clients)
Audio Compression Method	G.711 μ-law (64kpbs)	μ-law PCM 8bit (Sampling frequency 8000Hz mono)	G.711 μ-law (64kpbs)	G.711 μ-law (64kpbs)
Audio Communication	Full duplex (two way)	Full duplex (two way)	Full duplex (two way)	Full duplex (two way)
Audio Play	Yes (up to 3 files; Max 30 sec. per file)	Yes (up to 8 files; Max 120 sec. per file)	-	Yes (plays audio file when motion detection event or external device input event occurs.) *2
Protocol	IPv4: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (client), DHCP (client), DNS (client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (from Canon) IPv6: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (client), DNS (client), ARP, ICMPv6, POP3, NDP, NTP, SMTP authentication, WV-HTTP (from Canon)	IPv4: TCP/IP, HTTP, DHCP, FTP, NTP	IPv4: TCP/IP, HTTP, DHCP, FTP, NTP	IPv4: TCP/IP, UDP, HTTP, FTP, SNMP(MIB2), SMTP (client), DHCP (client), DNS (client), ARP, ICMP, POP3, NTP, SMTP authentication, WV-HTTP (from Canon) IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (client), DNS (client), ICMPv6, POP3, NDP, SMTP authentication, WV-HTTP (from Canon)
IPsec	Available	-	-	-
Camera Control	Pan, tilt, zoom, brightness, shutter speed, focus speed, view restriction, control time restriction, white balance, Smart Shade Control, image stabilizer	Pan, tilt, zoom, brightness, shutter speed, focus speed, view restriction, control time restriction	Pan, tilt, zoom, brightness, shutter speed, focus speed, view restriction, control time restriction	3 user levels available (Administrator/Authorized user/Guest user) Up to 50 user names and passwords can be set for Authorized users.
Connection Restrictions	Access control (user name & password)/ IP address control (IP4 only)/ Simultaneous client access control	Access control (user name & password)/ IP address control/Simultaneous client access control/Service time	Access control (user name & password)/ Simultaneous client access control	Access control (user name & password)/IP address control (IP4)/Simultaneous client access control
Presel	Max. 20 positions	Max. 20 positions	Max. 20 positions	Max. 20 positions
View Restriction	Available	Yes	-	-
Motion Detection	Up to 4 detection areas can be set	Up to 4 detection areas can be set	-	Up to 4 detection areas can be set
Upload of JPEG Image	FTP/ HTTP/ SMTP (e-mail) Camera's buffer memory for upload: Max. 6MB, Max. 10fps	Approx. 15MB (for still image & audio recording)	-	FTP/HTTP/SMTP (e-mail) Camera's buffer memory for upload: Max. 6MB, Max. 10fps
Event Notification	HTTP/ SMTP (e-mail)	SMTP (e-mail)	-	HTTP/ SMTP (e-mail)
Network	1-RJ45 (100Base-TX; Auto/Full duplex/Half duplex)	1-RJ45 (100Base-TX/10Base-T; auto-negotiation)	1-RJ45 (100Base-TX/10Base-T; auto-negotiation)	1-RJ45 (100Base-TX; (Auto/Full duplex/Half duplex)
Video Input Terminal	-	1-BNC** (Composite Video)	-	-
Video Output Terminal	-	1-BNC** (Composite Video)	1-Mini Jack Connector (Composite Video)	Composite x 1 (used for check during camera installation)
Audio Input Terminal	1-Monoaural mini-jack connector** (LINE-IN -connect to amplifier microphone OR MIC IN -connect to microphone w/o amplifier)	1-Monoaural mini-jack connector** (MIC IN -connect to microphone w/o amplifier speakers***)	1-Monoaural mini-jack connector** (LINE-IN -connect to amplifier microphone)	LINE IN / MIC IN can be switched in the setting page. LINE IN × 1 (connect to an amplifier microphone) or MIC IN × 1 (connect to a microphone w/o amplifier)†
Audio Output Terminal	1-Monoaural mini-jack connector (LINE OUT -connect to amplifier speakers***)	1-Monoaural mini-jack connector** (LINE OUT -connect to amplifier speakers***)	1-Monoaural mini-jack connector (LINE OUT -connect to amplifier speakers***)	LINE OUT × 1 (connect to an amplifier speaker)†
External Device I/O Terminal	2-Inputs 2-Outputs	2-Inputs* 3-Outputs*	2-Inputs 1-Output	2-Inputs 2-Outputs
Operating Environment	Temperature: 14 ~ 122°F (-10 ~ 50°C) Humidity: 20 ~ 85% RH (no condensation)	Temperature: 32 ~ 104°F (0 ~ 40°C) Humidity: 20 ~ 85% RH (no condensation)	Temperature: 14 ~ 113°F (-10 ~ 45°C) Humidity: 20 ~ 85% RH (no condensation)	Temperature: 14 ~ 122°F (-10 ~ 50°C) Humidity: 20 ~ 85% RH (no condensation)
Power Supply	Capable of PoE power supply via LAN connector (IEEE802.3af compliant) Capable of 24VAC, 12VDC, no polarity (using supplied two-screw connector) 100VAC ~ 240VAC, dedicated AC Adapter (PA-V17) (opt.)	100VAC ~ 240VAC, dedicated AC Adapter (PA-V16) (incl.)	Capable of PoE power supply via LAN connector (IEEE802.3af compliant) Capable of 24VAC, 12VDC, no polarity (using supplied two-screw connector) 100VAC ~ 240VAC, dedicated AC Adapter (PA-V17) (opt.)	Capable of PoE power supply via LAN connector (IEEE802.3af compliant) AC adapter: optional PA-V17 (AC100V-240V) cable(non-polar) External power source: AC24V/DC12V
Power Consumption	with PoE: Max. approx. 1.0W / with optional AC Adapter PA-V17: Max. approx. 1.3W	Max. approx. 25W	with PoE: Max. approx. 1.0W / with optional AC Adapter PA-V17: Max. approx. 1.3W	with PoE: Max. approx. 3.3W / with optional AC adapter PA-V17: Max. approximately 3.6W
Dimensions	5.59in. (W) x 5.59in. (D) x 5.87in. (H) Main unit only (excludes rubber foot)	VB-C50i: 4.1in. (W) x 5.1in. (D) x 4.3in. (H) Main unit only (excl. projections) VB-C50iR: 4.1in. (W) x 5.1in. (D) x 4.4in. (H) Main unit only (excludes projections) approx. 1.4 lbs. (VB-C50iR: approx. 1.5 lbs)	4.79in. (W) x 5.19in. (D) x 5.12in. (H) Main unit only (excludes rubber foot)	VB-C500D: 5.35in. (W) x 5.83in. (D) x 4.25in. (H) VB-C500VD: 6.10in. (W) x 6.10in. (D) x 4.65in. (H)
Weight	approx. 1.85 lbs.	VB-C50i: approx. 1.4 lbs. VB-C50iR: approx. 1.5 lbs.	approx. 1.85 lbs.	VB-C500D: approx. 1.36 lbs. VB-C500VD: approx. 1.72 lbs.

*Function that increases the brightness of shaded subjects in an image with both dark and bright areas.

Requires optional multi-terminal Module VB-EX50. *Speakers with amplifier, which are sold separately, are necessary for audio playback. †Optional audio interface cable required (WA-500VB).

NETWORK VIDEO MONITORING & RECORDING SOFTWARE

VB-C50FSi ITEM CODE: 0777B002
1/4-inch CCD
Effective 340k pixels
Interface
26x optical zoom lens with AF (digital 12x)
f=3.5mm (W) ~ 91.0mm (T)
F1.6 (W) ~ F4.0 (T)
-
Manual only
Day mode: 1.0lux (1/30 sec.)
Night mode: 0lux
-
Auto / Manual
Day mode: (W) 3.9in. ~ ∞ / (T) 63in. ~ ∞
Night mode: (W) 0.79in. ~ ∞ / (T) 90.6in. ~ ∞
-
TTL system / Auto
-
-
-
-
-
JPEG (for video: Motion-JPEG)
NTSC: 160x120/ 320x240/ 640x480
JPEG: 10 levels
30fps (640x480)
-
Max. 50 clients
μ-law PCM 8bit (Sampling frequency 8000Hz mono)
Full duplex (two way)
Yes (up to 8 files; Max 120 sec. per file)
-
IPv4: TCP/IP, HTTP, DHCP, FTP, NTP
-
Zoom, brightness, shutter speed, focus speed, view restriction, control time restriction
Access control (password), video connection time, service period, number of concurrent connections (max 50)
Yes (10 zoom positions)
-
Up to 4 detection areas can be set
Approx. 15MB (for still image & audio recording)
SMTP (e-mail)
1-RJ45
(100Base-TX/10Base-T; auto-negotiation)
1-BNC** (Composite Video)
1-BNC** (Composite Video)
1-Monoaural mini-jack connector (MIC IN -connect to microphone w/o amplifier speakers***)
1-Monoaural mini-jack connector (LINE OUT -connect to amplifier speakers***)
2-Inputs* 3-Outputs*
Temperature: 32 ~ 104°F (0 ~ 40°C)
Humidity: 20 ~ 85% RH (no condensation)
Capable of PoE power supply via LAN connector (IEEE802.3af compliant)
100VAC ~ 240VAC, dedicated AC Adapter (PA-V16) (opt.)
Max. approx. 25W (when AC Adapter is used)
2.6in. (W) x 5.28in. (D) x 3.81in. (H)
Main unit only (excludes rubber foot)
approx. 1.17 lb.

	Spec	VK-64 v2.2 ITEM CODE: 4075B001	VK-16 v2.2 ITEM CODE: 4075B002	VK-LITE ITEM CODE: 3331B001	
Recording Features	Compatibility camera servers	VB-C60, VB-C50i/R, VB-C300, VB-C500D, VB-C500VD, VB-C50FSi, VB-C10i/R, VB150		VB-C60, VB-C300, VB-C50i/R, VB-C500D, VB-C500VD, VB-C50FSi	
	Recorded file format	M-JPEG, MPEG-4			
	Images input	64	16	4	
	Image recording size	640 x 480, 320x240, 160 x 120			
	Recording medium	HDD			
	Recording time	999 weeks		12 weeks	
	Recording frame rate	0.1 to 30 fps		0.1 to 5 fps	
Recording mode	Schedule	Yes		No	
	Sensor detection recording	Yes		No	
	Motion detection recording	Yes		No	
	Pre-event recording	Yes (maximum 30 seconds)		No	
	Post-event recording	Yes (maximum 999 seconds)		No	
Displayed Image Playback	Image screens	64		8	
	Simultaneous playback during recording	Yes		Yes	
	Live image monitoring during recording	Yes		Yes	
	Rewind and fast forward speed	1x, 2x, 5x, 10x			
	Search function	Date, time, event			
Other	Live/image playback feature characteristics	Motion detection, event detection, control of output to external devices			
	Number of viewers connected Simultaneously to the recording server	5		1	
	Number of operating servers	10			
Recording Server Operating Environment	Recommended Conditions	CPU	P4 2.2 GHz + (3.4 GHz with MPEG-4)		
		OS	Windows XP Professional (SP2), Operating System Windows Server 2003 Standard Edition (SP2), Windows Server 2003 R2 Standard Edition (SP2), Windows Vista Business/Enterprise/Ultimate (SP1)		
		Memory	1GB RAM (1.5 for more than 48 Cameras)	1GB RAM	1GB RAM
		Hard disk	20GB HDD or higher available disk space		
		Display	XGA (1024 x 768)		
Viewer Operating Environment	Minimum Conditions	CPU	Pentium III, 700 MHz or faster		
		OS	Windows Server 2003 Standard Edition, Windows Server 2003 Standard Edition (SP1), Windows 2000 Server (SP4), Windows 2000 Professional (SP4), Windows XP Professional (SP2) *1		
		Memory	256 MB RAM		
		Hard disk	2 GB HDD		
		Display	XGA (1024 x 768)		
	Recommended Conditions	CPU	P4 2.2 GHz + (3.4 GHz with MPEG-4)		
		OS	Windows XP Professional (SP2), Operating System Windows Server 2003 Standard Edition (SP2), Windows Server 2003 R2 Standard Edition (SP2), Windows Vista Business/Enterprise/Ultimate (SP1)		
		Memory	1 GB RAM		
		Hard disk	2 GB HDD		
		Display	XGA (1024 x 768)		
Contents	Standard package (recording server+ viewer)	VK-64 v2.2	VK-16 v2.2	VK-Lite	
	Additional viewer license	1 additional client (4075B003); 5 additional clients (4075B004)		-	
	Additional license	-		1 additional client (331B001)	

SOFTWARE INTEGRATION PARTNERS



For the latest information on which software brands integrate with our network cameras, please visit www.usa.canon.com/nvspartners.

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Dome Specifications Chart



Dome Size	Install	Maker	Product Name	Dome Image	Description	Item Code	VB-C60	VB-C300	VB-C50iR	VB-C50iR VB-EX50	VBC500VD	VBC500D	VB-C50FSi	
5"	Indoor Recessed	CANON	VB-RD51S-C		Special for VB-C60 VB-RD51S-C (Clear) VB-RD51S-S (Tinted)	2823B002	•							
5"	Indoor Recessed	CANON	VB-RD51S-S			2823B001	•							
5"	Indoor Surface	CANON	SS60-B-VB			3121B002	•							
5"	Indoor Recessed	CANON	VB-RD41S-C		Special for VB-C300 VB-RD41S-C (Clear) VB-RD41S-S (Tinted)	2112B004		•						
5"	Indoor Recessed	CANON	VB-RD41S-S			2112B001		•						
5"	Indoor Recessed	CANON	SR500-S-VB		Recessed mounting kit for VB-C500	3935B001					•	•		
5"	Indoor Recessed	ASC	A-ID5C5		Recessed mounting kit, Plenum ready	1381V109	•	•	•				•	
5"	Indoor Recessed	ASC	A-ID5T5			1381V110	•	•	•					•
5"	Indoor Under Canopy	ASC	A-SWD5C		Surfaced and under canopy dome. IP is selectable.	1381V113		•	•				•	
5"	Indoor Under Canopy	ASC	A-SWD5T			1381V114		•	•					•
5"	Indoor Under Canopy	ASC	A-SWD5CHB		Surfaced and under canopy dome with Heater and Blower. IP is selectable.	1381V115		•	•				•	
5"	Indoor Under Canopy	ASC	A-SWD5THB			1381V117		•	•					•
5"	Indoor Under Canopy	ASC	A-SWD5VC			1381V118	•	•	•					•
5"	Indoor Under Canopy	ASC	A-SWD5VT		Surfaced and under canopy Tough Dome. IP is selectable.	1381V119	•	•	•				•	
5"	Indoor Under Canopy	ASC	A-SWD5VCHB			1381V120	•	•	•					•
4"	Indoor Under Canopy	ASC	A-SWD5VTHB		Surfaced and under canopy dome with Heater and Blower. IP is selectable.	1381V121	•	•	•				•	
4"	Indoor	United Digital	U-SWD4C			1256V579			•					
5"	Outdoor	ASC	A-ODW5C(OW)		A-ODW5C (Clear) A-ODW5T (Tinted) A-BK3 is necessary for wall mount.	1381V094	•	•	•				•	
5"	Outdoor	ASC	A-ODW5T(OW)			1586V910	•	•	•					•
5"	Outdoor	ASC	A-ODW5SCS(S)		Sunshield dome. A-ODW5SCS (Clear) A-ODW5ST (Tinted) A-BK3 is necessary for wall mount.	1381V096	•	•	•				•	
5"	Outdoor	ASC	A-ODW5ST(S)			1586V918	•	•	•					•
7"	Outdoor	ASC	A-ODW7C(OW)		A-ODW7C (Clear) A-ODW7T (Tinted) A-BK3 is necessary for wall mount.	1381V097	•	•	•	•			•	
7"	Outdoor	ASC	A-ODW7T(OW)			1586V919	•	•	•	•				•
7"	Outdoor	ASC	A-ODW7SCS		Sunshield dome. A-ODW7SCS (Clear) A-ODW7ST (Tinted) A-BK3 is necessary for wall mount.	1381V099	•	•	•	•			•	
7"	Outdoor	ASC	A-ODW7STS			1586V921	•	•	•	•				•
Box	Outdoor	ASC	A-OH15F		Special for VB-C50FSi and VB-C50Fi	1588V039							•	
Box	Outdoor	ASC	A-OH15FBHSET		With Heater and Blower	1381V126							•	



Operating Environment	Range	Heater Blower	IP	Vandal	Plenum Rated	Power	Weight	Dimensions
Temp:14~122°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:11.5~90						1.15 lbs. (522g)	
Temp:14~122°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:11.5~90						1.15 lbs. (522g)	
Temp:14~122°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:11.5~90						0.59 lbs. (271g)	
Temp:14~122°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:11.5~90						0.82 lbs. (372g)	
Temp:14~122°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:11.5~90						0.82 lbs. (372g)	
Temp:14~122°F Humid:20~85% RH (No condensing)	Horizontal:350° Vertical:15~90						0.87 lbs. (395g)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90				•		2.75 lbs. (1.25kg)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90				•		2.75 lbs. (1.25kg)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90		IP54, IP66				2.64 lbs. (1.20kg)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90		IP54, IP66				2.64 lbs. (1.20kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP54, IP66			24VAC, 25W	3.30 lbs. (1.50kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP54, IP66			24VAC, 25W	3.30 lbs. (1.50kg)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90		IP66	•	•		5.00 lbs. (2.30kg)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90		IP66	•	•		5.00 lbs. (2.30kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP66	•	•	24VAC, 25W	5.73 lbs. (2.60kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP66	•	•	24VAC, 25W	5.73 lbs. (2.60kg)	
Temp:32~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:11.5~90			•			5.00 lbs. (2.26kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP66			24VAC, 25W Heater & Blower on	8.59 lbs. (3.90kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP66			24VAC, 25W Heater & Blower on	8.59 lbs. (3.90kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP66			24VAC, 25W Heater & Blower on	9.92 lbs. (4.50kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP66			24VAC, 25W Heater & Blower on	9.92 lbs. (4.50kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP54, IP66			24VAC, 25W Heater & Blower on	10.1 lbs. (4.60kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP54, IP66			24VAC, 25W Heater & Blower on	10.1 lbs. (4.60kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP54, IP66			24VAC, 25W Heater & Blower on	11.9 lbs. (5.40kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)	Horizontal:340° Vertical:-8~90	•	IP54, IP66			24VAC, 25W Heater & Blower on	11.9 lbs. (5.40kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)			IP33, IP43			24VAC, 25W	3.30 lbs. (1.50kg)	
Temp:3.9~104°F Humid:20~85% RH (No condensing)		•	IP33, IP43			24VAC, 25W Heater & Blower on	3.96 lbs. (1.80kg)	

Accessories

DOME COVER

SS60-B-VB
Surface cover for the VB-C60
Item Code: 3121B002



EXPANSION BOX

VB-EX50
Multi Terminal Module
Item Code: 9783A003

The Multi Terminal Module VB-EX50 enables connection of various types of external devices to the VB-C50i/R and VB-C50FSi.



WIDE CONVERTER

WL-37
Wide Converter Lens
Item Code: 4674A001

A wider angle of image capture can be achieved by attaching the optional Wide Converter WL-37 to the VB-C50i/VB-C50FSi. This option is useful when the camera is installed too close to the area that requires monitoring.



AC ADAPTERS

PA-V17
AC Adapter
Item Code: 2245B001

AC adapter for the VB-C60 and VB-C300. Also used for the VB-C500D and VB-C500VD when paired with the WP-500VB power interface cable.



PA-V16
AC Adapter
Item Code: 6588A001

AC adapter for the VB-C50i/R, VB-C50FSi and VC-C50i/R.



CABLES

WP500-VB
Power Interface Cable
Item Code: 3939B001

Used when connecting the PA-V17 power adapter to the VB-C500D or VB-C500VD.



WA500-VB
Audio Interface Cable
Item Code: 3936B001

Used when connecting to the audio interface input on the VB-C500D or VB-C500VD.



WC500-VB
I/O Interface Cable
Item Code: 3938B001

Used when connecting to the I/O interface inputs on the VB-C500D or VB-C500VD.





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