

SPECIFICATIONS: VB-C50i / VB-C50iR NETWORK CAMERA

Product Class:	PTZ Network Camera	
OPTICS		
	Zoom Ratio	26 x (at infinity focus)
	Focal Length	f=3.5 (wide) ~ 91mm (telephoto)
	Horizontal	2° (telephoto) ~ 41° (wide)
	F-Number	F1.6 ~ F4.0
	Minimum Subject Illumination	1 lux (visible light mode, at 1/30 electric shutter speed)
	Focus	Auto / Manual / Fixed at infinity / Auto (dome mode)
	Focusing Region	Wide: 0.01m ~ infinity / Tele: 1.5m ~ infinity
	Aperture	Auto iris servo system
	Shutter Speed	PAL – AUTO, 1/50, 1/120 NTSC – AUTO, 1/60, 1/100
VIDEO OUTPUT		
	Imaging Device	¼" CCD (charge-coupled device)
	Video System	PAL or NTSC (depending on country of usage)
	Number of pixels	PAL: 400000 pixels / NTSC: 340,000 pixels
	Resolution	Horizontal - 320 TV lines; Vertical - 240 TV lines
	Scanning System	Interlaced 2:1
	Luminance S/N Ratio	50dB
	White Balance	Auto / Manual / One-push
	Imaging Mode	Visible light mode / Infrared light mode
	Infrared Lighting	Infrared radiation LEDs x 4
	Infrared Light Wavelength	870nm (peak value)
MECHANISMS		
	Pan Angle Range	VB-C50i: ±100°; VB-C50iR: ±170°
	Tilt Angle Range	VB-C50i: -30° ~ +90°; VB-C50iR: -90° ~ +10°
	Rotation Speed	Pan: 1 ~ 90° / sec; Tilt: 1 ~ 70° / sec
	Zoom Speed	5 seconds at maximum speed from telephoto to wide
	Infrared Cut Filter	Power-driven insertion and removal (normal / night mode)
	Preset Function	9 positions
SERVER FUNCTION		
	Video Capture Size	192 x 144 / 384 x 288 / 768 x 576 (PAL) 160 x 120 / 320 x 240 / 640 x 480 (NTSC)
	Video Transmission Rate	25 frames per second (768 x 576 pixels, PAL) 30 frames per second (640 x 480 pixels, NTSC)*
	Simultaneous Distribution	Up to 50 clients maximum
	Built-in server function	HTTP / FTP / WebView (Canon)
	Recoding function	Built-in memory (14Mb) for recording of motion detection, external device or timer events
	Intelligent monitoring	Motion detection and auto-tracking functions

* Client must have at least a Pentium IV CPU at 2.4GHz, 256Mb of RAM and be on a 100Base-TX LAN to achieve this frame rate.

EXTERNAL INTERFACES		
	Power Network Interface Reset Switch Indicator LED Multi-Terminal Module	Barrel connector, DC Input (via AC adapter, supplied) RJ-45 Ethernet connector. 10/100Base TX Auto-Negotiation Restores to factory default settings Orange (10Base T) or Green (100Base TX) or extinguished The Multi-Terminal Module has 26 pins, and provides: <ul style="list-style-type: none"> - Video Input Connector (one channel) - Video Output Connector (one channel) - Audio Input Connector (one channel) - Audio Output Connector (one channel) - External Device Input (two channels) - External Device Output (three channels)
	Focus Focusing Region	Auto / Manual / Fixed at infinity / Auto (dome mode) Wide: 0.01m ~ infinity / Tele: 1.5m ~ infinity
ELECTRICAL CHARACTERISTICS		
	Rated Input Voltage: Permissible Input Voltage Range Maximum Power Consumption Maximum Current Consumption AC Adapter Input Voltage Range: AC Adapter Power Consumption AC Adapter Output Current	13V DC 11.5V ~ 14.0V DC 9.7W ± 6% 0.73A ± 6% 100V ~ 240V 50/60Hz 29.5W ± 6% 1.8A
PHYSICAL CHARACTERISTICS		
	Dimensions Weight Installation Environment Permissible Camera Installation Angles	VB-C50i: 108.7mm (H) x 104.6mm (W) x 130.3mm (D) VB-C50iR: 110.6mm (H) x 136.0mm (W) x 130.3mm (D) Multi-Terminal Module: 28.4mm x 128mm x 66mm VB-C50i: 620g VB-C50iR: 700g AC Adapter: 205g Multi-Terminal Module: 135g Operating Conditions: 0°C ~ 40°C Relative humidity: 20% ~ 85% (condensation free) From horizontal: ±20° (camera unit only) ±15° (camera with wide converter accessory attached)