

SPECIFICATIONS: VC-C50i / VC-C50iR COMMUNICATION CAMERA

Product Class:	PTZ Communication Camera	
OPTICS		
	Zoom Ratio	26 x (at infinity focus)
	Focal Length	f=3.5 (wide) ~91mm (telephoto)
	Horizontal	1.7° (telephoto) ~ 42° (wide)
	f-Number	f/1.6 ~ f/4.0
	Minimum Subject Illumination	1 lux (visible light mode, at 1/30 electric shutter speed)
	Focus	Auto / Manual / Fixed at infinity
	Focusing Region	Wide: 0.01m ~ infinity / Tele: 1.6m ~ infinity
	Aperture	Auto iris servo system
	Shutter Speed	PAL: 1/1, 1/50, 1/80000 sec NTSC: 1/1, 1/60, 1/80000 sec
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 - 460 TV lines; Vertical - 350 TV lines
	Scanning System	Interlaced 2:1
	Luminance Signal / Noise Ratio	48 dB
	White Balance	Auto / Manual / One-push
	Imaging Mode	Visible light mode / Infrared light mode
	Infrared Lighting Type	Infrared radiation LEDs x 4 – Effective range 3m.
	Infrared Lighting Power	Approximately 0.75W x 4 - Total 3W.
	Infrared Light Wavelength	870nm (peak value)
	Character Display	Setting, Clock
MECHANISMS		
	Pan Angle Range	VC-C50i: ±100°; VC-C50iR: ±170°
	Tilt Angle Range	VC-C50i: -30° ~ +90°; VC-C50iR: -90° ~ +10°
	Rotation Speed	Pan: 1 ~ 90° / sec; Tilt: 1 ~ 70° / sec
	Zoom Speed	5 seconds at maximum speed from telephoto to wide end
	Infrared Cut Filter	Power-driven insertion and removal (normal / night mode)
	Preset Function	9 preset positions for pan, tilt and zoom
	Cascade Control	Up to 9 cameras can be cascaded together
EXTERNAL INTERFACES		
	Power	DC Barrel connector (Custom, via AC adapter, supplied)
	Composite Video Output	BNC connector
	S-Video Output	S-Video signal and RS-232C control via 20-pin multi-
	RS-232C Control	connector
ELECTRICAL CHARACTERISTICS		
	Rated Input Voltage:	13V DC
	Permissible Input Voltage Range	11.5V ~ 14.0V DC
	Maximum Power Consumption	12.5W
	AC Adapter Input Voltage Range:	100V ~ 240V 50/60Hz
PHYSICAL CHARACTERISTICS		
	Dimensions	VC-C50i: 96mm (H) x 100.0mm (W) x 125mm (D) VC-C50iR: 98mm (H) x 130mm (W) x 125mm (D) Multi-Terminal Module: 28.4mm x 128mm x 66mm
	Weight	VC-C50i: 418g VC-C50iR: 488g AC Adapter: 205g
	Installation Environment	Operating Conditions: 0°C ~ 40°C Relative humidity: 20% ~ 85% (condensation free)
	Permissible Camera Installation Angles	From horizontal: ±20° (camera unit only) ±15° (camera with wide converter accessory attached)