



## Speed Dome Network Camera

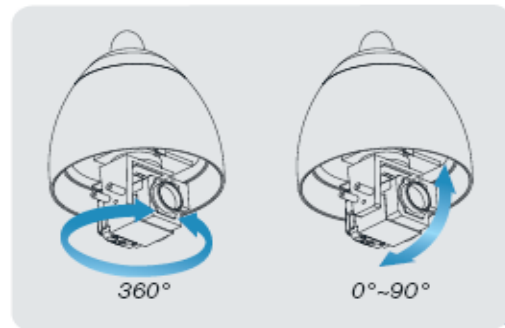
### IV-SD313VK

#### Features:

- . SONY Exview HAD CCD Sensor in D1 Resolution
- . 35x Zoom Lens
- . 360° Continuous Pan and 90° Tilt
- . WDR (Wide Dynamic Range) for High Contrast Environments
- . Removable IR-cut Filter for Day & Night Function
- . Weather-proof IP66-rated Housing
- . EIS (Electronic Image Stabilizer) for the Ultimate Video Experience
- . 3D Privacy Masks for Private Area Protection
- . Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- . Supports Dual Streams Simultaneously
- . 802.1X Port-based Authentication for Network Protection
- . Supports 3GPP Mobile Surveillance
- . Two-way Audio via SIP Protocol
- . Built-in SD/SDHC Card Slot for On-board Storage



*Pan range: 360° Continuous Rotation  
Tilt range: 0°~90° Flip*



IV-SD313VK is a high performance speed dome network camera integrated with a SONY 35x zoom lens and Exview HAD CCD sensor. With its powerful zoom capability, this camera offers close-up images of distant objects in sharp detail. It is designed for professional outdoor surveillance applications where high reliability, sharp images, and weatherproofing (IP66 rated) are required

SPECIFICATION		IV-SD313VK
System	CPU	Bach Soc
	Flash / RAM	8MB flash / 64MB + 32MB
	Embedded OS	Linux 2.6
Pan/Tilt/Zoom	Pan range	360° continuou rotation
	Tilt range	0° ~ 90° flip
	Pan speed	0.1° ~ 300°/sec
	Tilt speed	0.1° ~ 120°/sec
	features	35x optical zoom; Auto pan mode; Auto patrol mode
Lens		35x optical zoom lens, f = 3.4 ~ 119 mm, F1.4 (wide), F4.2 (tele), auto-iris, focus range: 10 mm (wide), 100 mm (tele) to infinity; Removable IR-cut filter for day & night function
Camera Specifications	Angle of view(H)	1.7° ~ 55.8° (horizontal)
	Shutter Time	1/2 sec. To 1/30,000 sec
	Image Sensor	SONY 1/4" Exview HAD CCD sensor in D1 resolution
	Min. illumination	1.0 Lux (F1.4, 1/60s); 1.0 Lux (F1.4, 1/50s); 0.1 Lux (F1.4, 1/4s); 0.05 Lux (F1.4, 1/2s)
Video	Compression	MJPEG & MPEG-4
	Streaming	Simultaneous dual-steaming; MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
		MPEG-4 multicast streaming, MJPEG streaming over HTTP or HTTPS
	Supports	Supports 3GPP mobile surveillance
	Frame Rate	MPEG-4: up to 30/25 fps at 704 x 480 MJPEG: up to 30/25 fps at 704 x 480
Image Settings		Adjustable image size, quality and bit rate, Time stamp and text caption overlay
		Flip & mirror, Configurable brightness, contrast, saturation, sharpness, white balance & exposure
		AGC, AWB, AEC, WDR (Wide Dynamic Range), Automatic, manual or manual day/night mode
		EIS (Electronic Image Stabilizer), BLC (Backlight compensation), Supports 3D privacy masks
Audio	Compression	GSM-AMR speech encoding. Bit rate: 4.75 kbps to 12.2 kbps
		MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
	Interface	External microphone input, audio output
	Supports	two-way audio via SIP protocol and audio mute
Networking	Ethernet	10/100 Mbps Ethernet, RJ-45
	Protocols	IPv4,TCP/IP,HTTP,UPnP,RTSP/RTP/RTCP,IGMP,SMTP,FTP,DHCP,NTP,DNS,PPPoE
Alarm and Event Management		Triple-window video motion detection,
		Four D/I and one D/O for external sensor and alarm
		Event notification using HTTP, SMTP or FTP; Local recording of MP4 file
Security		Multi-level user access with password protection
		IP address filtering, HTTPS encrypted data transmission
		802.1X port-based authentication for network protection
Users		Camera live viewing for up to 10 clients
Dimensions		Ø 200 mm x 270 mm
Weight NET		3800 g
LED Indicator		System power and status indicator, System activity and network link indicator
Power	Power supply	24V AC 2A 60 Hz/50 Hz
	Consumption	Max 45W
Approvals		CE, LVD, FCC, VCCI, C-Tick
Operating Environments	Temperature	-4°F ~ 140 °F (-20 ~ 60 °C)
	Humidity	90% RH
Viewing System Requirements	Operation System	Microsoft Windows 2000/XP/Vista
	Browser	Mozilla Firefox, Internet Explorer 6.x or above
	Cellphone	3GPP player
	Real Player	10.5 or above
	Quick Time	6.5 or above
Installation, Management		Installation Wizard 2, 16-CH recording software, Supports firmware upgrade
Applications		SDK available for application development and system integration