



420 TVL CCD-based IR Network Camera

**Model: WH\_420GPS\_IR1(3)(5)**

- 1/3" SONY Super HAD CCD
- H.264/MPEG-4 video compression with high compression ratio
- Dual Streams
- Up to 32 GB SD/SDHC card local storage
- Auto switch ICR Filter
- Two-way audio

Camera	Image Sensor	1/3 " SONY Super HAD CCD
	Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
	Signal System	PAL / NTSC
	Min. Illumination	0.1Lux @ F1.2
	Electronic Shutter	1/50 (1/60)s ~ 1/100,000s
	Lens Mount	M12
	Video Output	420 TVL, 1Vp-p Composite Output(75Ω / BNC)
Media Compression Standard	Video Compression	H.264/ MPEG-4/MJPEG
	Audio Compression	OggVorbis
	Bit Rate	32 Kbps~2Mbps
Image	Image Resolution	PAL: 704×576, 528×384, 704×288, 352×288, 176×144 NTSC: 704×480, 528×320, 704×240, 352×240, 176×120
	Frame Rate	25 fps (704×576), 30fps (704×480)
Network	Protocols	TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
Interface	Ethernet Interface	1 RJ45 10M / 100M self-adaptive
	RS485 Interface	1 RS-485 interface
	Intelligent Alarm	Motion Detection, Video Loss, Network Disconnect, IP conflict, Storage exception
	Alarm Input	1 channel
	Alarm Output	1 channel
	Video Output	1Vp-p Composite Output (75Ω/BNC)
	Audio Input	1 channel microphone input
	Audio Output	1 channel audio interface (Line level, 600Ω)
	Local Storage	Support SD/SDHC
	Basics	Reset button, Anti-flicker, Dual Stream, Heartbeat, Password Protection
General	Power Supply	12VDC, ±10%, (-E) series support PoE (Power over Ethernet)
	Power Consumption	For IR1 serial 5.5W MAX For IR3 serial 7W MAX For IR5 serial 9W MAX
	Infrared Range	For IR1 serial approx 10 to 20 meters(32.81~65.62ft) For IR3 serial approx 30 to 40 meters(98.43~131.23ft) For IR5 serial approx 50 to 60 meters(164.04~196.85ft)
	Weather Proof	IP66
	Working Temperature	-10°C ~ 60°C
Options	WiFi	(_W) series support WiFi
	PoE	(_P) series support PoE (Power over Ethernet)