



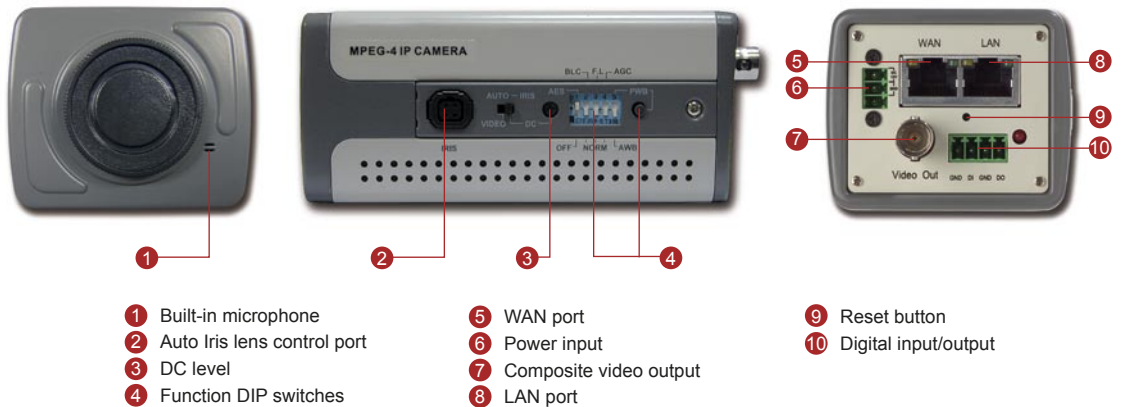
MPEG-4 Real-time Network Streaming IP Camera with Audio

CAM-5200 Series

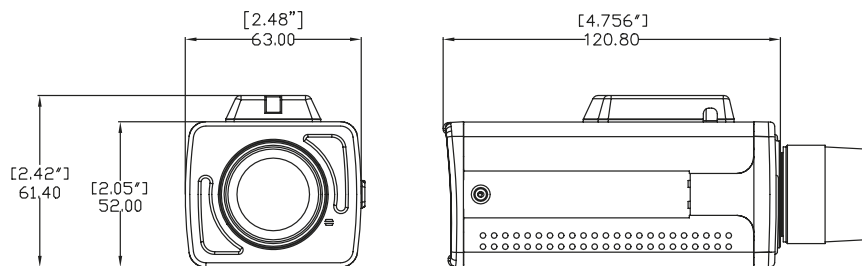


* The lens is not included.

- 1/3" SONY SuperHAD / EXviewHAD CCD
- Backlight Compensation, Auto Iris Control, Auto White Balance supported
- Day and night function with IR cut-filter switching mechanism (CAM-5220)
- MPEG-4 ASP compliant compression
- CIF up to Full D1 resolution at 30/25 FPS
- Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- QoS enabled (L3) video streaming
- One-way audio supported (built-in microphone)
- Power Over Ethernet (IEEE 802.3af) supported (CAM-5201/CAM-5221)



DIMENSION DIAGRAM



Unit: mm [inch]



CAM-5200 Series

PRODUCT SPECIFICATION

		CAM-5200	CAM-5220
Image	Device	SONY SuperHAD CCD	
	Size	1/3 inch	
	Effective Pixels (HxV)	811 x 508 (NTSC); 795 x 596 (PAL)	
	Horizontal Resolution	480 TVL	
Min. scene Illumination	Color	0.15 Lux at F1.2 (30 IRE, SAGC)	Color mode automatically switched to B/W mode under 4 Lux
	B/W	N/A	0.05 Lux at F1.2 (30 IRE, SAGC)
	IR Sensitivity	N/A	from 700nm to 1100nm
Lens	Lens Mount	C / CS (with adaptor)	
Synchronization	Sync. System	Internal	
Day/Night Functions	Mechanical IR Cut Filter	N/A	Yes
Functions	Motion Detection	Yes (3 windows)	
	Electronic Shutter	AES On: 1/60 ~ 1/100,000 sec. (NTSC); AES Off: 1/60 sec. (NTSC); AES On: 1/50 ~ 1/100,000 sec. (PAL); AES Off: 1/50 sec. (PAL)	
	BLC	On / Off (switchable)	
	AGC	On / Off (switchable)	On / Off (switchable) Turning off AGC will disable D&N function
	White Balance	AWB / PWB (switchable)	
	Flickerless	On / Off (switchable)	
	Auto Iris Control	Video / DC (switchable)	
S/N Ratio	S/N Ratio	Better than 50 dB (AGC off)	
Video (Compression)	Compression	MPEG-4 ASP compliant	
	Picture Resolution	Full D1 (720 x 480 in NTSC, 720 x 576 in PAL); CIF (352 x 240 in NTSC, 352 x 288 in PAL); QCIF (160 x 112 in NTSC, 176 x 144 in PAL)	
	Bit Rate	28 K ~ 3 M bps	
	Image Frame Rate	30 fps at full D1 resolution (NTSC); 25 fps at full D1 resolution (PAL)	
Video Output	Multi-stream	Up to 4 configurable frame rate/bit rate streams for preview and recording	
	Composite Output	CVBS, 1.0Vp-p with 75 Ω loading, BNC connector	
Audio Input	Compression	8 kHz, Mono, PCM	
	Built-in Microphone	Sensitivity : -44±5 dB (0 dB=1V/pa, 1 kHz); S/N Ratio : more than 58 dB; Directivity : omnidirectional	
Alarm	Input	1, TTL, terminal block	
	Output	1, TTL, terminal block	
External I/O	Reset Button	Factory default	
	LED	System status	
Network	LAN Port	Ethernet(10/100Base-T), RJ-45 connector	
	WAN Port	Ethernet(10/100Base-T), RJ-45 connector	
	Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, FTP, SMTP	
Software	Web Browser	Microsoft Internet Explorer 6.0 or above	
	SDK	ActiveX control, C SDK	
Operating	Security	Password Protection : configured by the administrator	
	Temperature	5 °C ~ 50 °C (40 °F ~ 122 °F)	
Power	Power Requirement	DC 12 V ±10% (CAM-5200) PoE (IEEE802.3af) with Class 3 (CAM-5201)	DC12V ±10% (CAM-5220) PoE (IEEE802.3af) with Class 3 (CAM-5221)
	Power Consumption	6.84W (DC12V) 7.68W (PoE)	6.96W (DC12V) 8.16W (PoE)
Physical	Dimensions (WxHxD)	63 mm x 52 mm x 120 mm (2.48" x 2.05" x 4.76")	
	Weight	450 g (0.99 lb)	

ORDERING INFORMATION

Part Number	Full D1	NTSC	PAL	480 TVL	DC 12 V	DC 12 V / PoE	D & N
CAM-5200HN	V	V		V	V		
CAM-5200HP	V		V	V	V		
CAM-5201HN	V	V		V		V	
CAM-5201HP	V		V	V		V	
CAM-5220HN	V	V		V	V		V
CAM-5220HP	V		V	V	V		V
CAM-5221HN	V	V		V		V	V
CAM-5221HP	V		V	V		V	V

ACCESSORY OPTIONS

• Lens, f3.0~8mm F1.0, CS mount, Format 1/3"	R690-00002-000	• Lens, f5.0~55mm F1.4, CS mount, Format 1/3"	R690-00004-000
• Lens, f3.0~8.5mm F1.0, CS mount, Format 1/3"	R690-00012-000	• Lens, f7.5~50mm F1.3, CS mount, Format 1/3"	R690-00013-000
• Camera bracket	R695-00011-000	• Housing bracket	R695-00004-000
• Outdoor housing	R692-00001-000		