



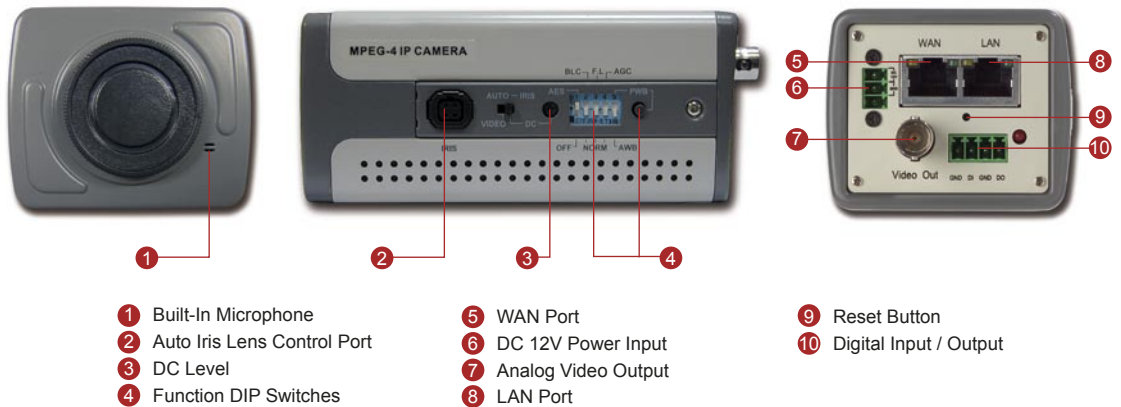
MPEG-4 ASP IP Box Camera with Audio

CAM-5201/CAM-5221

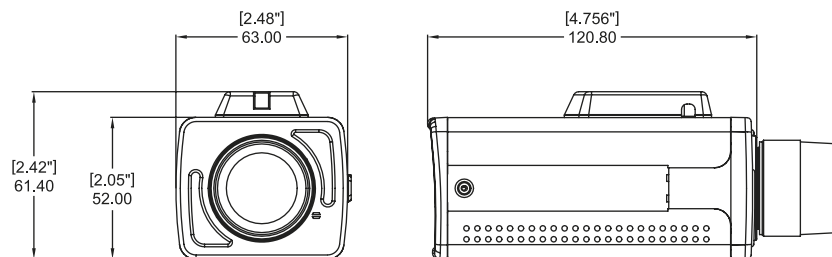


* The lens needs to be purchased separately.

- 1/3" Sony SuperHAD / EXviewHAD CCD
- Day and night function with Mechanical IR Cut Filter (CAM-5221)
- 0.15 Lux (CAM-5201) / 0.05 Lux (CAM-5221) at F1.2
- Backlight Compensation, Auto Iris Control, Auto White Balance supported
- Interchangeable lenses available
- MPEG-4 ASP compression
- CIF up to Full D1 resolution at 30/25 FPS
- Multi-stream with variable frame rate in the same compression
- One-way audio supported
- Hardware motion detection, Digital Input/Output
- Fail-over network protection and QoS enabled (L3) video streaming
- Hybrid analog and ethernet video output with 480 TV lines
- DC 12V or Power over Ethernet (IEEE 802.3af) supported



DIMENSION DIAGRAM



Unit: mm [inch]



CAM-5201/CAM-5221

PRODUCT SPECIFICATION

		CAM-5201	CAM-5221
Image	Device	SONY SuperHAD CCD	SONY EXviewHAD CCD
	Size	1/3 inch	
	Effective Pixels	811 (H) x 508 (V) (NTSC); 795 (H) x 596 (V) (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 700 nm to 1100 nm
Lens	Lens Mount	C / CS (with adaptor)	
Synchronization	Sync. System	Internal	
Day/Night Functions	Mechanical IR Cut Filter	N/A	Yes
	Motion Detection	Yes (3 windows)	
Functions	Electronic Shutter	AES On: 1/60~1/100,000 sec.(NTSC); 1/50~1/100,000 sec.(PAL)	
	Fixed Shutter (Manual)	AES Off: 1/60 sec (NTSC); 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)	
	Compression	MPEG-4 ASP compliant	
Video (Compression)	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)	
	Multi-stream	Up to 4 configurable frame rate/bit rate streams for preview and recording	
Video Output	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	Digital Input	1, TTL, terminal block	
	Digital 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, DNS, DDNS, NTP, ICMP, IGMP, ARP	
Software	Web Browser	Microsoft Internet Explorer 6.0 or above	
	SDK	ACTI SDK-10000	
Operating	Security	Password Protection : configured by the administrator	
	Temperature	5 °C ~ 50 °C (40 °F ~ 122 °F)	
Power	Power Requirement	PoE (IEEE802.3af) with Class 3 (CAM-5201)	PoE (IEEE802.3af) with Class 3 (CAM-5221)
	Power Consumption	6.84W (DC 12V) 7.68W (PoE)	6.96W (DC 12V) 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)	
Approvals	Certificate	CE, FCC	

MODEL SELECTION

Part Number	NTSC	PAL	DC 12V / PoE	D & N
CAM-5201HN	V		V	
CAM-5201HP		V	V	
CAM-5221HN	V		V	V
CAM-5221HP		V	V	V

ACCESSORY OPTIONS

- Lens, f3.0~8mm F1.0, CS mount, Format 1/3" (For CAM-5201) PLEN-103
- Lens, f3.0~8.5mm F1.0, CS mount, Format 1/3" (For CAM-5221) PLEN-105
- Camera bracket PMAX-1100-000R0
- Outdoor housing PMAX-0201-000R0
- Lens, f5.0~55mm F1.4, CS mount, Format 1/3" (For CAM-5201) PLEN-104
- Lens, f7.5~50mm F1.3, CS mount, Format 1/3" (For CAM-5221) PLEN-106
- Housing bracket PMAX-1101-000R0