



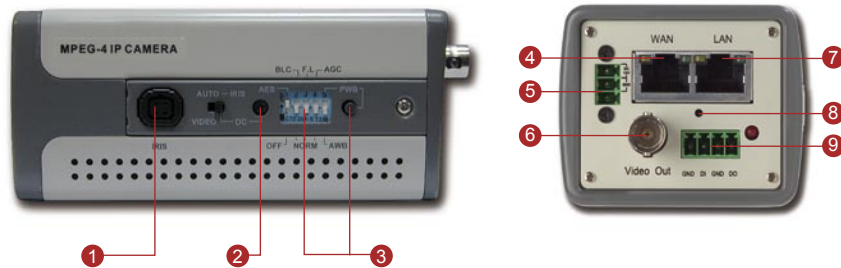
MPEG-4 Real-time Network Streaming IP Camera

CAM-5301/CAM-5321



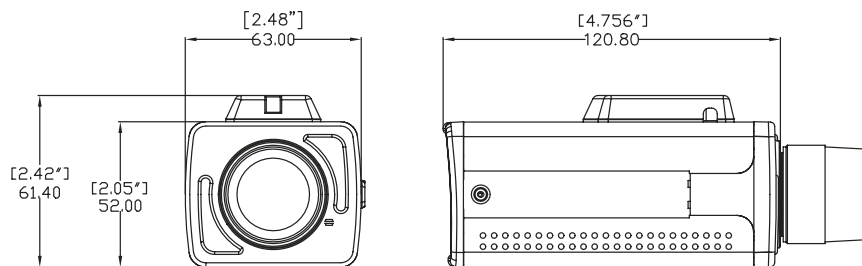
* The lens is not included.

- 1/3" Sony SuperHAD / EXviewHAD CCD
- Day and night function with Mechanical IR Cut Filter (CAM-5321)
- 0.15 Lux (ACM-5301) / 0.05 Lux (ACM-5321) at F1.2
- Backlight Compensation, Auto Iris Control, Auto White Balance Supported
- MPEG-4 ASP compression
- CIF up to Full D1 resolution at 30/25 FPS
- Multi-stream with variable frame rate in the same compression
- 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 12 V or Power Over Ethernet (IEEE 802.3af) Supported



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|-------------------------------|--------------------------|--------------------------|
| 1 Auto Iris Lens Control Port | 4 WAN Port | 7 LAN Port |
| 2 DC Level | 5 DC 12 V Power Input | 8 Reset Button |
| 3 Function DIP Switches | 6 Composite Video Output | 9 Digital Input / Output |

DIMENSION DIAGRAM



Unit: mm [inch]

* All specifications are subject to change without notice.
 * All brand names and registered trademarks are the property of their respective owners.



CAM-5301/CAM-5321

PRODUCT SPECIFICATION

		CAM-5301	CAM-5321
Image	Device	SONY SuperHAD CCD	SONY EXviewHAD 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	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)	
	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	
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, DNS, DDNS, NTP, ICMP, IGMP, ARP	
Software	Web Browser	Microsoft Internet Explorer 6.0 or above	
	SDK	ActiveX control, C SDK	
	Security	Password Protection : configured by the administrator	
Operating	Temperature	5°C~50°C (40°F~122°F)	
Power	Power Requirement	PoE (IEEE802.3af) with Class 3 (CAM-5301)	PoE (IEEE802.3af) with Class 3 (CAM-5321)
	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	NTSC	PAL	480 TVL	DC 12 V / PoE	DC 12 V / AC 24 V	D & N
CAM-5301HN	V		V	V		
CAM-5301HP		V	V	V		
CAM-5321HN	V		V	V		V
CAM-5321HP		V	V	V		V

ACCESSORY OPTIONS

• Lens, f3.0~8mm F1.0, CS mount, Format 1/3"	LEN-106	• Lens, f5.0~55mm F1.4, CS mount, Format 1/3"	LEN-107
• Lens, f3.0~8.5mm F1.0, CS mount, Format 1/3"	LEN-108	• Lens, f7.5~50mm F1.3, CS mount, Format 1/3"	LEN-109
• Camera bracket	R695-00011-000	• Housing bracket	R695-00004-000
• Outdoor housing	R692-00001-000		