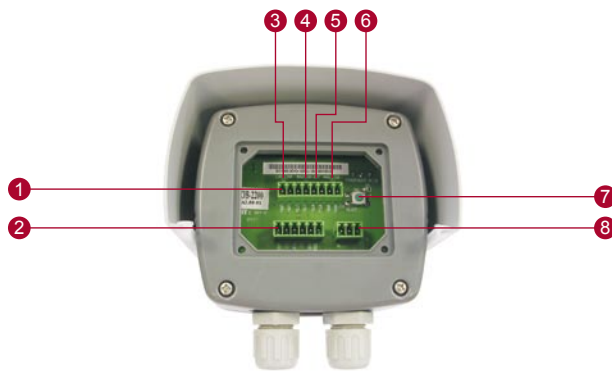


CAM-5130/5140/5150



- 1/4" SONY Super HAD / Exview HAD CCD with 470K/410K pixels
- Built-in auto focus / auto iris / 23X optical zoom lens with 10X digital zoom
- Smart Optical Low Pass Filter (OLPF) switching mechanism
- Backlight Compensation (BLC), motion detection and masking functions
- Advanced white balance mode: ATW, AWB, MWB (level, R-Y gain, B-Y gain control)
- 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
- IP66 water proof

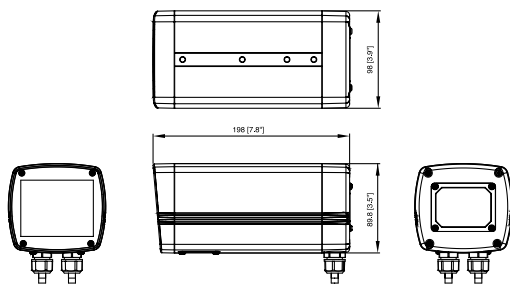


- | | |
|-----------------------------|--------------------------|
| 1 LAN Port & WAN Port | 5 WAN Link LED Indicator |
| 2 DI/O & Video Output | 6 Action LED Indicator |
| 3 LAN Link LED Indicator | 7 Reset Button |
| 4 LAN/WAN ACT LED Indicator | 8 Power Input |

DIMENSION DIAGRAM

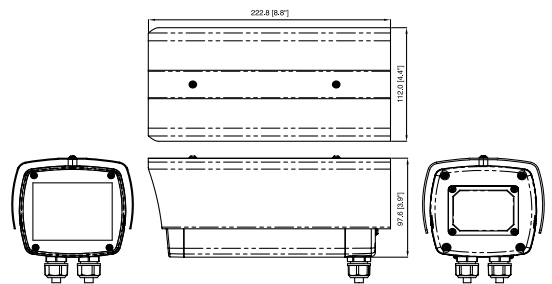
Indoor type

CAM-5130



Outdoor type

CAM-5140/CAM-5150



Unit: mm [inch]

CAM-5130/5140/5150

PRODUCT SPECIFICATION

		CAM-5130	CAM-5140	CAM-5150
Image	Device	Interline Transfer SONY Super HAD CCD	Interline Transfer SONY Exview HAD CCD	Interline Transfer SONY Super HAD CCD
	Size	1/4 inch		
	Effective Pixels (HxV)	811 x 508 (NTSC); 795 x 596 (PAL)		
	Horizontal Resolution	480 TVL		
Min. scene Illumination	Color	0.5 Lux at F1.6 (30 IRE, SAGC)	0.1 Lux at F1.6 (30 IRE, SAGC)	0.5 Lux at F1.6 (30 IRE, SAGC)
	B/W	0.1 Lux at F1.6 (30 IRE, SAGC)	0.02 Lux at F1.6 (30 IRE, SAGC)	0.1 Lux at F1.6 (30 IRE, SAGC)
		0.01 Lux at F1.6 (64x sense up, 30 IRE, SAGC)	0.002 Lux at F1.6 (64x sense up, 30 IRE, SAGC)	0.01 Lux at F1.6 (64x sense up, 30 IRE, SAGC)
Lens	IR Sensitivity	from 700nm to 1100nm		
	Focal Length	3.6 ~ 82.8 mm		
	Zoom Ratio	230x (23x optical & 10x digital zoom)		
Synchronization	Aperture Ratio	F1.6 ~ 3.8		
	Sync. System	Internal		
Day/Night Functions	OLPF Removable	Internal (auto switching) / External		
	OLPF Change Level Adjustment	0.1 ~ 15 Lux adjustable	0.02 ~ 15 Lux adjustable	0.1 ~ 15 Lux adjustable
	OLPF Change Delay Time	5 ~ 8 sec.		
Functions	Diagonal Angle	58° (W) ~ 2.8° (T)		
	Zoom Speed	4.2 sec.		
	Motion Detection	Yes (48 zones, level sensitivity 10)		
	Electronic Shutter	1/60 ~ 1/100,000 sec. (NTSC); 1/50 ~ 1/100,000 sec. (PAL)		
	Fixed Shutter	1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000		
	BLC	Auto On/Off, 48 zones and weighting adjustable		
	AGC	Super AGC 0 ~ 36 dB		
	White Balance	ATW (2500°K ~ 9600°K), AWB, MWB (level, R-Y gain, B-Y gain control)		
	Camera ID	Max 20 Character		
	Number of Privacy Zone	2		
	Digital Zoom	10x		
	Sense Up	2x ~ 64x sense up adjustable		
	S/N Ratio	Number of Preset	64 preset memory position (zoom / focus)	
S/N Ratio		Better than 50 dB		
Video (Compression)	Compression	MPEG-4 ASP Compliant		
	Picture Resolution	Full D1 (720x480 in NTSC, 720x576 in PAL); CIF (352x240 in NTSC, 352x288 in PAL); QCIF (160x112 in NTSC, 176x144 in PAL)		
	Bit Rate	28 K ~ 3 M bps		
Video Output	Image Frame Rate	30 fps at full D1 resolution (NTSC); 25 fps at full D1 resolution (PAL)		
	Composite Output	CVBS, 1.0Vp-p with 75 Ω loading, Terminal Block		
Alarm	Input	1, TTL, terminal block		
	Output	1, TTL, terminal block		
External I/O	Reset Button	Factory default		
	LED	System Status / Network Status		
Casing	IP66 Standard	IP-66 weatherproof casing		
	LAN Port	Ethernet(10/100 Base-T), terminal block		
Network	WAN Port	Ethernet(10/100 Base-T), terminal block		
	Protocol	TCP, UDP, RTP*, RTSP*		
Software	Web Browser	Microsoft Internet Explorer 6.0 or above		
	SDK	ActiveX Control, C SDK		
Operating	Security	Password Protection : configured by the administrator		
	Temperature	-10 ~ 50 °C (14 ~ 122 °F)		
Power	Power Requirement	DC 12 V ±10% / AC 24 V ±10%		
	Power Consumption	12 W		
Physical	Dimensions (WxHxD)	98 mm x 89.8 mm x 198 mm (3.9" x 3.5" x 7.8")	112 mm x 97.6 mm x 222.8 mm (4.4" x 3.8" x 8.8")	
	Weight	1,180 g (2.6lb)	1,280 g (2.8lb)	

* Product will start to provide RTP and RTSP after September, 2006.

ORDERING INFORMATION

Model Number	NTSC	PAL	SONY Super HAD	SONY ExviewHAD	DC 12 V	AC 24V	Heater
CAM-5130N	v		v		v		
CAM-5130P		v	v		v		
CAM-5131N	v		v			v	
CAM-5131P		v	v			v	
CAM-5140N	v			v	v		
CAM-5140P		v		v	v		
CAM-5143N	v			v		v	v
CAM-5143P		v		v		v	v
CAM-5150N	v		v		v		
CAM-5150P		v	v		v		
CAM-5153N	v		v			v	v
CAM-5153P		v	v			v	v

* All specifications are subject to change without notice.

* All brand names and registered trademarks are the property of their respective owners.