



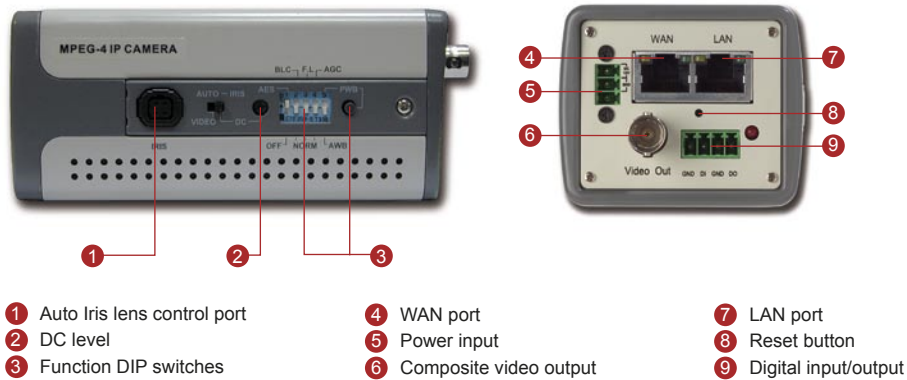
MPEG-4 Real-time Network Streaming IP Camera

CAM-5300 Series

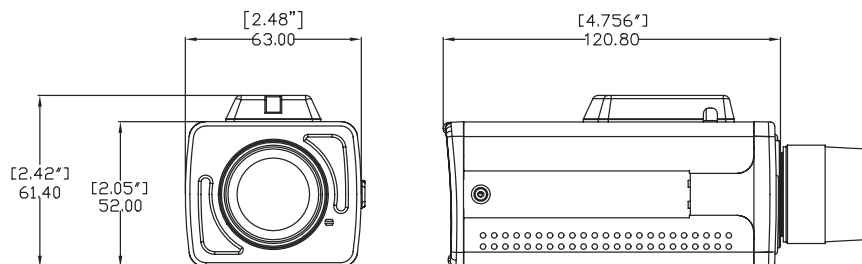


* The lens is not included.

- 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-5320)
- 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
- Power Over Ethernet (IEEE 802.3af) supported (CAM-5301/CAM-5321) or AC 24 V power source supported (CAM-5322)



DIMENSION DIAGRAM



Unit: mm [inch]

CAM-5300 Series

PRODUCT SPECIFICATION

| | | CAM-5300 | CAM-5320 |
|-------------------------|--------------------------|--|---|
| 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) | |
| | 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) | |
| 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 | |
| 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 | |
| | Security | Password Protection : configured by the administrator | |
| Operating | Temperature | 5°C~50°C (40°F~122°F) | |
| Power | Power Requirement | DC 12 V ±10% (CAM-5300) PoE (IEEE802.3af) with Class 3 (CAM-5301) | DC 12 V ±10% (CAM-5320) PoE (IEEE802.3af) with Class 3 (CAM-5321) AC 24 V ±10% (CAM-5322) |
| | Power Consumption | 6.84W (DC12V) 7.68W (PoE) | 6.96W (DC12V) 8.16W (PoE) 7.44W (AC 24 V) |
| 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 | DC 12 V / AC 24 V | D & N |
|-------------|---------|------|-----|---------|---------|---------------|-------------------|-------|
| CAM-5300HN | V | V | | V | V | | | |
| CAM-5300HP | V | | V | V | V | | | |
| CAM-5301HN | V | V | | V | | V | | |
| CAM-5301HP | V | | V | V | | V | | |
| CAM-5320HN | V | V | | V | V | | | V |
| CAM-5320HP | V | | V | V | V | | | V |
| CAM-5321HN | V | V | | V | | V | | V |
| CAM-5321HP | V | | V | V | | V | | V |
| CAM-5322HN | V | V | | V | | | V | V |
| CAM-5322HP | 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 | | |