

2MP 30X AUTO-TRACKING NETWORK SPEED DOME



KEY FEATURES

- 2MP OUTDOOR 30X Optical, 12x Digital Zoom PTZ with AUTO TRACKING
- 1080P @ 25/30fps
- 1/2.8" 3.27Megapixel Sony Exmor CMOS Sensor
- Speed 0.05°~600°s
- SDHC card(64GB), 24 Privacy MaskTVS 6000V protection
- IP67 waterproof

MODEL: ECL-IPS230A

SPECIFICATIONS

- Support Panorama auto- tracking
- Tripwire & Perimeter trigger auto-tracking
- People counting

| * CAMERA | |
|-------------------------|---|
| Effective Pixels | 1920(H)x1080(V) |
| Image Sensor | 1/2.8" Sony Progressive Scan CMOS |
| Signal System | PAL, NTSC |
| Minimum Illumination | Color 0.05Lux @(F1.6,50 IRE,ICR off) B,W0.01Lux @(F1.6,50 IRE,ICR on) |
| White Balance | Auto, ATW, Manual |
| AGC | Auto, Manual |
| S,N Ratio | ≥ 50dB |
| HLC | Y |
| BLC | Y |
| Smart Defog | Y |
| WDR | 100dB |
| Digital Noise Reduction | 3D DNR |
| Exposure Mode | Auto, Manual, Iris First, Shutter First |
| Shutter Time | 1/25-1/10000S |
| Day& Night | Dual-ICR |
| Digital Zoom | 16X |
| Privacy Masking | 24 Privacy Masks Programmable; Optional Multiple Colors |
| Auto Focus | Auto , Semi-automatic, Manual |
| OSD | 16x16, 32x32, 24x24, 48x48, 64x64 character size, Time, Date, Week, Character superposition in 5 regions, PTZ angle superposition |

| * INTERFACE | |
|-------------------------|--|
| Communication Interface | 1-ch RJ45 10M / 100M Ethernet Interface and 1-ch RS-485 interface |
| Audio Input | 1-ch Mic in, Line in interface, Line input 2-2.4V[p-p]; output impedance 1KΩ, ±10% |
| Audio Output | 1-ch Line level |
| On-board Storage | Built-in Micro SD, SDHC, SDXC card slot, up to 64 GB |
| Extension | N/A |
| Alarm Input | 8 ch |
| Alarm output | 2 ch |
| Video output | 1.0Vp-p / 75Ω, NTSC (or PAL) Composite, BNC |
| * NETWORK | |
| Ethernet | 10Base -T/100Base-TX, RJ45 Connector |
| Max.Image Resolution | 1920x1080 |
| Main Stream | 50Hz 25fps(1920x1080), 25fps(1280x960), 25fps (1280x720) 60Hz 30fps(1920x1080), 30fps(1280x960), 30fps (1280x720) |
| Sub Stream | 50Hz 25fps(704x576), 25fps (352x288), 25fps (176x144) 60Hz 30fps(704x480), 30fps (352x240), 30fps (176x120) |
| Third Stream | 50Hz 25fps(1920x1080), 25fps(1280x960), 25fps (1280x720), 25fps(704x576), 25fps (352x288), 25fps (176x144) 60Hz 30fps(1920x1080), 30fps(1280x960), 30fps (1280x720), 30fps(704x480), 30fps (352x240), 30fps (176x120) |

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| * LENS | |
|--------------------------|---|
| Focal Length | 4.3-129mm, 30x |
| Zoom Speed | Approx.2.6s (Optical Wide-Tele) |
| Angle of View | 58.9°(w) ~ 2.11°(t) |
| Minimum Working Distance | 0.01m~1.2m(Wide-Tele) |
| Aperture Range | F1.6~F5.0 |
| * PAN & TILT | |
| Pan Range | 360°endless |
| Pan Speed | Pan Manual Speed 0.05° ~ 600°s (stepless speed) |
| | Pan Preset Speed 600° ,s |
| Preset accuracy | ±0.05° |
| Tilt Range | -15°~90° Auto Flip |
| Tilt Speed | Tilt Manual Speed 0.05 ~600°s |
| | Tilt Preset Speed 0.1° ~ 240°s |
| Proportional Zoom | Rotation speed can be adjusted automatically according to zoom multiples |
| 3D Position | Y |
| Number of Preset | 256 |
| Scan | 8 |
| Cruise | 8, Up to 32 Presets per Cruise |
| Pattern | 8, Each One With 180s Memory or 300 orders |
| Power Loss Recovery | Y |
| Guard Action | Preset , Cruise , Pattern , Scan |
| PTZ Position Display | Y |
| Freeze Frame | Y |
| RS-485 Protocols | PTZ PELCO-D, PTZ PELCO-P, PTZ-TC615P, DOME PELCO-D, DOME PELCO-P, DOME-PLUS |

| Image Compression | H.264,MJPEG, H.264 encoding with Baseline,Main,High profile |
|---------------------------|--|
| ROI Encoding | Support 24 Areas With Adjustable Levels |
| Audio Compression | G711A, G711U, ADPCM, AAC |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE |
| No. of Simultaneous Users | Up to 10 users |
| Mini SD Card | Manual REC , Alarm REC |
| User/Host Level | Up to 32 users, 4 Levels |
| Security Measures | User Authentication (ID and PW), Host Authentication (MAC address) IP Address Filtering |
| Web Browser | IE 7+, Chrome 18 +, Firefox 5.0 + |
| * ADVANCE | |
| IVA | Tripwire, Perimeter, Counting, Loitering/Crowd/ Parking Detection, Missing/Foreign Object,Face Detection |
| Intelligent Alarm | Motion Detection, Cover Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection |
| Smart-tracking | Manual/ Panorama/Tripwire Trigger/ Perimeter Trigger |
| * GENERAL | |
| Operating Conditions | -40°C-70°C, 0 ~ 95% RHG |
| Power Supply | AC24V 3A |
| Power Consumption | 45W MAX (IR ON OFF) |
| Circuit Protection | TVS 6000V, Lightning,Surge 4000V Protection |
| Impact Protection | IP67 |
| Wiper | Y |
| Dimensions | 303.5mm ×216mm×216mm |
| Weight | 5.1kg (IP Camera Only); 7.6kg (With Packing Box) |