

Product Technical Specifications



CCTV SECURITY CAMERA

SKU #

GESSXHD-930M20XIPR



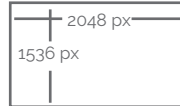
CESSXHD-930M20XIPR

CESSXtremeHD™

Excellent security camera IP system characterized by the highest definition and great fidelity, captures video at 3 megapixels resolution.



IP



1536p resolution



Weather proof



Vandal proof

MAIN FEATURES

- 3MP Full High - Definition Network
- IR PTZ Dome Camera
- 4.7mm ~ 94.0mm (20x) optical zoom
- H.264 & MJPEG dual-stream encoding and JPEG image capture
- 15ftp@3Mp, 25/30fps@1080p resolution
- 100db WDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, AWB, AGC,BLC
- Web viewer, CMS Mobile Access
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Intelligent 3D positioning with GESS Technologies protocol
- IP66
- IR LEDs up to 30 feet (100m)

RECOMMENDED USE

This product is ideal for:

- Applications that require the camera to be mounted higher than normal installation heights; such as high ceilings or walls.
- Long Range distances.
- Commonly User in Outdoor Applications.

IP 66

Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1m of submersion).



TECHNICAL SPECIFICATIONS

SKU #

GESSEXHD-930M20XIPR

CAMERA

| | |
|--------------------|---|
| Image Sensor | 1/3" CMOS |
| Effective Pixels | 2048(H) x 1536 (V), 3 Megapixels |
| Scanning System | Progressive |
| Electronic Shutter | Speed 1/1 ~ 1/30,000s |
| Min. Illumination | Color: 0.05Lux@F1.6, B/W: 0.005Lux@F1.6 |
| S/N Ratio | More than 50dB |
| Video Output | BNC (1.0Vp-p/75Ω), PAL/NTSC |

CAMERA FEATURES

| | |
|------------------------|------------------------------------|
| Max. IR LEDs | Length 100m |
| Day/Night | Auto (ICR)/COLOR/ B/W |
| Backlight Compensation | BLC/HLC/WDR (100db, 1080P mode) |
| White Balance | Auto, ATW, Indoor, Outdoor, Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 2D/3D |
| Privacy Masking | Up to 24 areas |
| Digital Zoom | 16x |

LENS

| | |
|----------------------|-----------------------------------|
| Focal Length | 4.7mm ~ 94.9mm (20x Optical zoom) |
| Max Aperture | F1.6 ~ F3.5 |
| Focus Control | Auto/Manual |
| Angle of View | H: 58.2° ~ 2.9° |
| Close Focus Distance | 10mm ~ 1000mm |

PTZ

| | |
|----------------------|--|
| Pan/Tilt Range | Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180° |
| Manual Control Speed | Pan: 0.1° ~ 160°/s; Tilt: 0.1° ~120°/s |
| Preset Speed | Pan: 240°/s; Tilt: 200°/s |
| Preset | 80(DH-SD), 255 (Pelco-P/D) |
| PTZ Mode | 5 Pattern, 8 tour, Auto Pan, Auto Scan |
| Speed Setup | Human-oriented focal length/speed adaptation |
| Power up Action | Auto restore to previous PTZ and lens status after power failure |
| Idle Motion | Activate Preset/Pan/Scan/Tour/Pattern by preset-time |
| Time Task | Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time |
| Protocol | GESS Technologies Pelco-P/D (Auto recognition) |



TECHNICAL SPECIFICATIONS

SKU #

GESSXHD-930M20XIPR

VIDEO

| | |
|-------------|--|
| Compression | H.264/MJPEG |
| Resolution | 3MP (2048x1536) / 1080P (1920x1080) / 720P (1280x720) / D1 (704x576 / 704x480) / CIF (352x288 / 352x240) |
| Frame Rate | Main Stream 3MP (1~15fps) / 1080P / 720P (1~25/30fps) |
| Bit Rate | H.264: 65K~8192Kbps, MJPEG: 56K~20480Kbps |

AUDIO

| | |
|-------------|--------------------------------------|
| Compression | G.711a/G.711u (32kbps)/PCM (128kbps) |
| Interface | 1/1 channel In/Out |

NETWORK

| | |
|----------|---|
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | IPv4/IPv6, HTTP, HTTPS, SSL, TPC/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPOE, DDNS, FTP, IP Filter, Qos, Bonjour |

www.gess-inc.com info@gess-in.com

USA | PUERTO RICO | COLOMBIA



GESS[®]
TECHNOLOGIES