GX-HT744A-AI-36CF

Galaxy Hunter Series 4MP AI Color247 Fixed Dome IP Camera - 3.6mm

Features



- 1/1.8" 4Megapixel progressive scan CMOS
- H.265 & H.264 triple-stream encoding
- 25/30 fps@2688 × 1520, 50/60 fps@1080 (1920 × 1080)
- WDR (140 dB), Day/Night (Electronic), 3D DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- 3.6 mm fixed lens
- 1/1 Alarm in/out, 1/1 audio in/out
- Micro SD memory, IP67, IK10

Specification

Camera	
Image Sensor	1/1.8” 4Megapixel progressive scan CMOS
Effective Pixels	2688 (H) ×1520 (V)
ROM	128 MB
RAM	1 GB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Min. Illumination	0.001 Lux @F1.0
Lens	
Lens Type	Fixed focal
Mount Type	Board-in
Focal Length	3.6 mm
Max. Aperture	F1.0

Field of View	H: 93°, V: 50°
Iris Type	Fixed aperture
Aperture Type	Fixed
Close Focus Distance	2.0 m (6.56 ft)
DORI Distance	Detect 70 m (230 ft), Observe 28 m (91 ft), Recognize 14m(46ft), Identify 7m(23ft)
Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	Pan: 0–355; Tilt: 0–75; Rotation: 0–355
Artificial Intelligence	
Face Detection	Support face image capture
Perimeter Protection	Tripwire; intrusion (Recognition of vehicle and people); fast moving; loitering detection; parking detection and people gathering
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
General Intelligence	
Event Trigger	Motion detection, Video tampering , Scene changing, Network disconnection , IP address conflict, Illegal Access,Storage anomaly
General Intelligence	Object Abandoned/Missing
Heat Map	Yes
Video	
Video Compression	H.265, H.264, H.264B, H.264H, MJPEG(sub stream)
Smart Codec	Yes
Streaming Capability	3 Streams
Resolution	2688 × 1520/2560 × 1440/2304 × 1296/1080P (1920 × 1080)/1.3M (1280 × 960)/720P (1280 × 720)/D1 (704 × 576/704 × 480)/VGA (640 × 480)/CIF (352 × 288/352 × 240)
Video Frame Rate	Main Stream: 2688 × 1520 (1 fps–25/30 fps), 2560 × 1440 (1 fps–25/30 fps), 1920 × 1080 (1 fps–50/60 fps) Sub Stream: D1 (1 fps–25/30 fps), D1 (1 fps–50/60 fps) Third Stream: 1080P (1 fps–16 fps)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps
Day/Night	Day/Night: Electronic, Color/B/W
BLC Mode	BLC/HLC/WDR (140 dB)
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off/On (4 Zone, Rectangle)
Region of Interest(RoI)	Off/On (4 Zone)

Defog	Yes
Flip	0°/90°/180°/270°
Mirror	Off/On
Privacy Masking	Off/On (4 Area, Rectangle)
Audio	
Audio Compression	G.711a, G.711Mu, G.726, AAC, G.723
Network	
Network	RJ-45 (10/100 Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; SNMP
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milstone, Genetec; P2P
Scene Self-adaptation	Unicast/Multicast
Max. User Access	20 Users
Edge Storage	NAS; FTP; SFTP, Micro SD card 256 GB
Web Viewer	IE (versions newer than IE8), Chrome, Firefox, Safari (versions newer than Safari 12)
Management Software	Smart PSS, DSS, P2P
Mobile Phone	iOS; Android
Interface	
Audio Interface	1/1 channel In/Out
Alarm	1 channel In: 5mA 5V DC, 1 channel Out: 300mA 12V DC
Electrical	
Power Supply	DC 12V (±30%), PoE (802.3af) (Class 0)
Power Consumption	<4.4W
Environment	
Operating Conditions	-30° C to +60° C (-22° F to +140° F)/Less than 95% RH
Strorage Conditions	-30° C to +60° C (-22° F to +140° F)
Ingress Protection	IP67; IK10
Structure	
Casing	Metal
Dimensions	122.0 mm × 88.9 mm (4.80” × 3.50”)
Net Weight	0.46 kg (1.01 lb)
Gross Weight	0.62 kg (1.37 lb)