XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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Bullet

IP Camera
4/5mp WDR

BY

Human detection IP camera, adopt Ingenic 22nm chip,built-in AI algorithm, H.265 / H.264 compression format, D-WDR, 3D DNR, 2.8-12mm motorized lens, 4 pcs IR lights, IR distance 40M

Features

- 4MP and 5MP is option, fixed lens
- 4 pcs IR lights, IR distance is 40M
- Built-in human detection algorithm;
- Detection frame 5fps, detect 5 people at the same time;
- Low consumption, low code stream, low delay;
- H.265 compression format, save bandwidth and storage space;
- Support smart IR to avoid Infrared over-exposure at night;
- Support ICR auto switch, achieve best result for D&N video;
- PoE, two-way audio intercom (option)
- Support 3D DNR and digital WDR;
- Support auto-electronic shuttle to suit different surveillance environment
- Support HTTPS encrypted transmission
- Support Onvif, email, NTP service
- Change the password during initial use to ensure the security of the password

Specification

Camera		
Model	EH-HN-BY-2M-D2	EH-HX-BY-5B-D2
Chip	T31N	T31X
Sensor	GC4063	GC4653
Lens	Motorized lens 2.8-12MM	Motorized lens 2.8-12MM
D&N	ICR Switch, Auto/Color/B&W/CDS Trigger	
D-WDR	D-WDR (off/low/middle/high)	
IR Led	4pcs IR leds, 40M	
3D DNR	Off/Low/Middle/High/Higher	
Defog	Off/Low/Middle/High	
Mirror	Off/ Horizontal Mirror/Vertical Mirror/180-degree flip	
Image Setting	Brightness, Contrast, Sharpness, Saturation, Chroma	

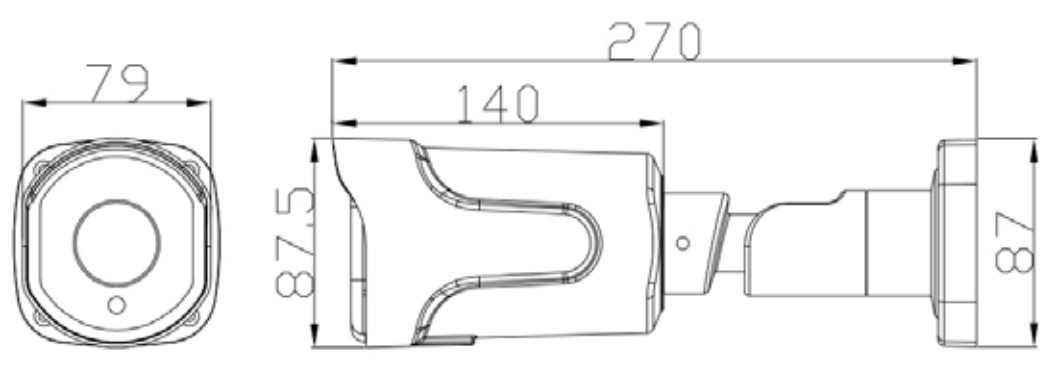
Human Detection	
Detection Quantity	≤5 people human
Human Size	Human Pixel ≥ 40*40
Detection Ratio	≥99% (meet above requirement)
Capture Corresponding Speed	≤1s
Max Detection Frame	5fps/s
Fault Detection Ratio	≤2%
Detection Part	People with any posture including half body, head, hand, shoulder
Track People	Support
Detection Mode	Support static and dynamic human detection
Detection Method	Image detection during day time or night time with lights or IR LEDs
Detection Area	Appointed area, default full-screen
Upload Method	Upload it under private protocol
Trigger Method	Video trigger

Audio & Video Encoding		
Video Encode Standard	H.265/H.264	
Chip	Main stream: 4MP@20fps, 3MP@20fps 2MP@25fps 720P@20fps Sub-stream: D1(720*576), VGA (640*360)	Main stream: 5MP@20fps, 4MP@25fps 3MP@25fps 1080P@25fps Sub-stream: D1(720*576), VGA (640*360)
Video Code Rate	Fixed code rate, variable code rate (Main stream: 160Kbps-4000kbps)	
Video Type	Composited stream/video stream	
Audio Standard	G.711u / 64Kbps	

Network Function	
Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPOE, UPNP, SMTP
Connection Protocol	ONVIF, GB28181 (Option)
Security Mode	Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification

Motion Detection	Set detection area, can set multi-level sensitivity
Shield Alarm	Support 1 area
Privacy Mask	Support 4 areas
Schedule Linkage	Snapshot, email
Device Abnormal Inspection	Support network broken alarm, IP conflict alarm, illegal visiting alarm
Character Overlay (OSD)	Title, time and date overlay, multi-line, and color of characters optional

Port	
Network Port	RJ45 10M/100M network self-adaptation
Audio	NA

General	
Power Supply	DC12V /PoE (option)
Working Temperature	-20°C ~ 55°C
Working Humidity	0%~90%

Dimension