

# 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

