

- 8MP Human Tracking and Vehicle Detection IR IP PTZ Dome camera
- GW-HP18RC20-88



- Features

- 1/2.8" Sony CMOS sensor
- 4K resolution 3840 x 2160P @20fps output
- 20x optical zoom
- Smart Human and Vehicle Detection Alarm
- Smart Human Tracking
- Built-in Mic, Micro-sd card up to 256G
- Day/Night, AWB/MWB, BLC, HLC, 2D/3D-DNR, Shutter, IR-CUT
- D-WDR, Mirror, rotate, Defogging
- Multiply Style OSD Overlay, Motion Detection, Privacy Mask
- Human Body & Vehicle detection
- RTSP and Onvif compatible with many third-party NVR
- H.264/H.265 dual-stream media server
- Easy-to-use P2P Cloud service
- Support Alarm Snapshot to Email and FTP
- Multiply WEB browser IE, Firefox 32bit ESR, PC Client, Mobile APP remote access
- RJ45 100mbps network port, IEEE802.3af 48v PoE
- Strong water-proof housing, IP66,
- 10 pcs Array IR Led
- IR distance 100-120 meters

▪ Technical Specifications

Camera	
Image Sensor	1/2.8" Sony CMOS sensor
Effective Pixels	3840 x 2160
Electronic Shutter	AUTO, 1/25s ~ 1/100000s
Min. Illumination	0.01Lux @F1.2(AGC ON), 0Lux IR on
Illuminator Number	10pcs Array IR Led
Illuminator Distance	100-120m
Focal length	4.7-94mm
Iris	F1.6-3.5
Field of View	64°-2.9°
Optical Zoom	20X
Video	
Video Standard	H.265/H.264
Video Resolution	MainStream:20fps@8MP(3840x2160),30fps@6MP(3072x2048)/ 5MP(2592x1944)/4MP/3MP/1080P/720P,etc. Sub stream: 720x480/VGA(640x480)/360P/QVGA@30fps,etc.
Video Bitrates	512Kbps - 12Mbps, VBR/CBR
Day/Night	Auto/Color/(B/W)/Timing
WDR	Digital WDR
White Balance	Auto/Manual r
AGC/BLC/HLC	Support
DNR	2D/3D DNR
OSD Overlay	Title and Time overlay
Other	Human Body &Vehicle detection Motion Detection, Privacy Mask, Mirror, Flip
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°; Tilt: -5° ~ 90°

Preset Point	256
Control Speed	Pan: 0.5° ~25° /s; Tilt: 0.5° ~25° /s
A-B Scanning	Support
Auto Cruising	Support 8 groups patrol, Max. 16 presets in group
Power on Action	Preset/Scan/Cruise
Power-off Recovery	Support
Smart Tracking	Human Detection Tracking together with Patrol
Audio	
Audio Standard	G.711-u/G.711-a/AAC
Mic	Built-in Mic
Network	
Protocol	HTTP/RTSP/FTP/SMTP/DHCP/NTP/NFS, etc.
P2P	Yes
Web	IE, Firefox esr, etc.
Media	CMS, Android, IOS
Storage	FTP; NAS, Micro-sd card up to 256G
ONVIF	17.06 compatible
General	
Network Port	1-RJ45, 100Mbps,
Power Supply	12 VDC ± 10% 2A, PoE(802.3af) 48V in
Power Consumption	< 22W
Operating Temp.	-30°C -(+60)°C, 10%-90%RH

▪ Dimensions (mm)

