



**IP CAMERA**  
Network Camera IP PTZ

**HP-39P20SIR**

**Starlight Camera**



**IP IR PTZ CAMERA**

## Starlight Camera



### Features

- 1/2.8" Sony CMOS Image Sensor
- Resolution 1080P (1920X1080P)
- 0.05 Lux (Color) (F1.6, AGC ON),  
0.01 Lux (B/W) (F1.6, AGC ON)
- Main stream: 1920x1080, 1280X960, 1280X720  
Sub stream: 704x576, 352X288
- Video Coding: H.264/H.265
- Lens: f=4.9-98 mm // Optical Zoom 20x
- IRIS F1.6-F22 // LED 6 Pcs./ IR Distance 100m
- Protection Level IP66
- TF-Card Support max.128GB.
- Power Supply DC12V±10%

### Model

### HP-39P20SIR

Image Sensor	1/2.8" Sony CMOS Image Sensor
Resolution	1080P (1920X1080P)
Electronic Shutter	1/25-1/30,000s
Day & Night	ICR (Auto/color/black)
Min. Illumination	0.05 Lux (Color) (F1.6, AGC ON), 0.01 Lux (B/W) (F1.6, AGC ON)
SNR	>52dB
Video Standard	50Hz, 60Hz
Dual-stream	Support
Image Resolution	Main stream: 1920x1080, 1280X960, 1280X720 Sub stream: 704x576, 352X288
Frame Rate	Main stream: 1920x1080@25fps/50Hz Sub stream: 704x576@25fps/50Hz
Max. Bitrate	32-10240 Kbps
Video Coding	H.264/H.265
Bit Rate control	CBR/VBR
Audio Coding	G.711ulaw
Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, UPnP, SNMP, SMTP, FTP
Protocol Type	UDP, TCP
Onvif Protocol	Support
Recording	Support Pre/Post record, Over write, Schedule, Support Capture mode recording
Security	IP Address Filter, Log
Image Setting	Brightness, Contrast, Saturation, Sharpness, Hue
Privacy Mask	Support max. 4 area
Motion Detection	Support
Video Tampering	Support
Mirror Image	Off, Up/down, Left/Right, Center
Exposure	Auto/Manual
Noise Reduction	Support 2D-DNR, 3D-DNR
D-WDR	Support
AGC / BLC	Auto / Manual
White balance	Auto/Manual
Lens	f=4.9-98 mm
Optical Zoom	20x
IRIS	F1.6~F22
E-Zoom	Support Max. x16
Angle of View	55.8(wide)~3.2(tele)
Min Object Distance	10mm~1500mm
Focus	Sime-Auto/Auto/Manual
LED / IR Distance	6 Pcs. / 100m
Smart IR	Support
IR Power Control	Support (IR near 1-10, IR far 1-10)
IR Mode	Auto, On, Off
3D Control	Support
Pan Rotation Range	360
Tilt Rotation Range	0-90
Manual Speed	Horizontal: 0/s - 40/s, Vertical: 0/s - 40/s
Preset Speed	Pan: 40/s, Tile: 40/s
Preset	256
Auto Cruising	8 groups (32 Preset/group)
Auto Scan	8 groups (setup left and right boundary)
Pattern Scanning	4 groups
Park Time	Support (Preset, Scan, Seq, Pattern)
Auto Flip	Support
RJ45	X1
TF-Card	Support max.128GB.
Protection Level	IP66
Lighting Protection	3000V anti-surge
Bracket	Wall mount
Power Supply	DC12V±10%
Power Consumption	≤20W
Work Temp	-20C~+55C
Work Humidity	≤95%
Dimensions	136x222x114mm.