

## Starlight 2MP Laser PTZ



### Features:

500m at night-vision and 300m at daytime

1/1.8" 2.0MP CMOS

Starlight level super low lux 0.0002LUX@ (F1.2, AGC ON)

Super WDR can reach 120dB

Auto zoom, focus and preset

Optical filter for day&night

1.5-68° auto-focus laser to match distance automatically

Support manually turn ON/OFF laser and manual adjustment

Excellent anti-fog performance relying on both software and hardware

### Specification:

Housing	
Engineering	Full aluminium alloy material and totally sealed, with wiper
Size	390*288*153mm
IP Rate	IP66
Consumption	≤100W
Weight	15KG
Camera	
Sensor	1/1.8" CMOS
CPU	ARM9
OS	Linux
Pixel	2.0MP

<b>Resolution</b>	Major Stream: 1080p(1920×1080) Minor Stream: D1(704×576) Third Stream: CIF(352×288)
<b>Frame Rate</b>	PAL: 1080p@25fps, 960p@25fps, 720p@25fps, D1@25fps NTSC: 1080p@30fps, 960p@30fps, 720p@30fps, D1@30fps
<b>WDR</b>	120dB
<b>HLC</b>	Y
<b>Noise Reduction</b>	3D Digital
<b>Electronic Shutter</b>	1s~1/100000s
<b>Mini Illumination</b>	Color: 0.002 Lux @(F1.2,AGC ON) B&W:0.0002Lux @(F1.2,AGC ON)
<b>Day&amp;Night</b>	Inter-sync, alarm-sync, black&white, color and timing
<b>Video Spec</b>	Configurable brightness, contrast and saturation
<b>Overlay</b>	Support 200×200 and BMP 24bit picture
<b>ROI</b>	Support up to 4 Regions of interested
<b>Video Enhancement</b>	Support Anti-fog, auto gain, margin enhancement, BLC, Gama, Digital Anti-shaking, Corridor Mode, Sinario Template
<b>Video Compression</b>	H265/H.264/M-JPEG
<b>Encode Type</b>	BaseLine Profile/Main Profile/High Profile
<b>Video Bitrate</b>	32K~16Mbps
<b>Transmission</b>	Triple Stream
<b>IE Access</b>	Built-in Web server
<b>Mobile Software</b>	IOS/Android
<b>Clients</b>	≤8
<b>Local Storage</b>	Support max 128G MicroSD card
<b>Network Protocol</b>	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS /NFS/FTP/NTP/RTP/RTSP/IPv6/SNMP/SMTP/802.1X/QoS/HTTPS
<b>IP Address</b>	Static and Dynamic IP Address, customized MTU, network card
<b>OSD</b>	Support 16×16, 32×32, 24×24, 48×48, 64×64 size; Support add time, date and week;

	Support up to 5 areas
<b>Authority</b>	8 users in 4 levels
<b>System Clock</b>	Built-in Clock, support external sync, time zone setup, NTP and DST
<b>Remote Control</b>	Upgrade FW remotely, and support import or export configuration files
<b>Smart Alarm</b>	Motion Detection, Mask Detection, IP conflict, MAC conflict
<b>Common Function</b>	One button to restore, anti-flicker and IP filter
<b>IVA</b>	Tripwire/Perimeter/Missing&Foreign Object/Loitering/Fast Moving/Facial Detection/People Counting/Crowd/Off-position
<b>Onvif</b>	Y
<b>Lens</b>	
<b>Size</b>	1/1.8"
<b>Drive</b>	DC
<b>Focal Length</b>	6~180mm(30X)
<b>F Value</b>	F1.5(Wide)~F4.3(Tele) ±3%
<b>Special</b>	Anti-shake, Anti-Fog and ROI/SVC
<b>Laser</b>	
<b>Range</b>	Day: 500m, Night: 300m
<b>Wave Length</b>	808nm
<b>Output Mode</b>	Integrated laser
<b>Light Spot</b>	Round
<b>Divergence Angel</b>	1.5°-68°(Default at 25°)
<b>Voltage</b>	12V
<b>Consumption</b>	5W
<b>Control Mode</b>	Intelligent control light sensors, can read ambient illumination, auto turn on/off laser, and there are 15 levels critical value adjustable
<b>Smart-sync Focus</b>	Intelligent servo control, laser emission angle changes

	continuously, night spot sync the camera zoom lens
<b>Optical Axis Fine-tuning Mechanism</b>	Manual
<b>Lifetime</b>	≥30000 hour
<b>PTZ</b>	
<b>Pan Range</b>	0~360°
<b>Pan Speed</b>	0.01°~50°/s
<b>Tilt Range</b>	-40°~+80°
<b>Tilt Speed</b>	0.01°~30°/s
<b>Preset</b>	255
<b>Cruising</b>	8
<b>Pattern</b>	8
<b>Guard Location</b>	Y
<b>Protocol</b>	Pelco_D
<b>Interface</b>	
<b>Video</b>	1Vp-p Composite Output (75Ω/BNC)
<b>Alarm I/O</b>	1/1
<b>Relay Output</b>	1ch
<b>Network</b>	1ch 10M/100M
<b>Reset Button</b>	Y
<b>Environment</b>	
<b>Temperature</b>	-10℃~+40℃ (Laser off at day) -40℃~+55℃ (Laser on at night)
<b>Anti-corrosion</b>	PH: 6.5~7.2
<b>General</b>	
<b>Power</b>	AC24V±10%

<b>Consumption</b>	≤100W MAX
<b>Environment</b>	Temperature: -40°C~+55°C; Humidity: <95%RH
<b>PTZ Weight</b>	15KG
<b>Load Mode</b>	Top Mount
<b>IP Rate</b>	IP66
<b>Lightning Protection</b>	Anti-surge, 4 level(4KV) Anti-static, 3 level(6KV by touch, 8KV by air)

## Dimensions:

