

**SWATAK PNLB04ML0800-HMST | 4.0 MP AI Network Bullet Camera**



**Key Features**

- Four Streams.
- Built-in Mic & Speaker.
- Ingress Protection IP67.
- Video Encoding H.265+.

Parameter	Details
Model	SWATAK PNLB04ML0800-HMST
Make	SECURUS
<b>Camera</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2568(H) x 1448(V) (4MP)
Min. Illumination	Color: 0.002 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/25 - 1/100000
Day & Night	IR cut filter
Digital Zoom	16x (Max)
<b>Lens</b>	
Lens Type	Fixed focal lens, 8.0mm
Focal Length & FOV	8.0 mm, horizontal FOV 38°, vertical FOV 22°, diagonal FOV 42°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
<b>DORI</b>	
DORI	8.0 mm: D: 156 m, O: 62 m, R: 31 m, I: 15 m
<b>Illuminator</b>	
Supplement Light Type	IR

Parameter	Details
Supplement Light Range	Up to 50 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
<b>Video</b>	
Streaming Capability	Four Streams
Main Stream	4MP (2560 x 1440) @25 fps
Sub-Stream	720P (1280 x 720), D1 (720 x 576), VGA (640 x 480), CIF (352 x 288) @25 fps
Third Stream	D1 (720 x 576), VGA (640 x 480), CIF (352 x 288) @25 fps
Fourth Stream	D1 (720 x 576), VGA (640 x 480), CIF (352 x 288) @25 fps
Video Compression	H.265+/H.265/H.264+/H.264
Video Bit Rate	128Kbps ~ 8192Kbps
Privacy Mask	Up to 4 areas
Bit Rate Control	CBR, VBR
H.264/H.265 Profile	Baseline Profile, Main Profile, High Profile
Video Quality	Ultra, High, Balanced, Standard, Economy
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Parameter	Details
<b>Audio</b>	
Audio Compression	F/W Audio CODEC AAC encode/decode(32KHz, 48KHz @192kbps) ADPCM/G.711/G.726 AEC/ANR and ALC
Audio Bit Rate	64 Kbps
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
<b>Network</b>	
Protocols	TCP/IPv4/IPv6, HTTP, HTTPS, QoS, DHCP, DNS, Email, RTP, RTCP, RTSP/RTSPs, SNMP, NTP, PPPOE, SMTP, NTP, TLS/SSL, SFTP, ICMP, IGMP, ARP, UDP, 802.1x, ONVIF
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T, Profile M), ISAPI, SDK, ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator and user
Smooth Streaming	Yes
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, All data, including sensitive data, is encrypted with AES 256 and RSA 2048
Client	SWATAK Video Management Software (VMS)
Web Browser	Chrome, Mozilla, Firefox, Opera

Parameter	Details
<b>Image</b>	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	≥ 140 dB
Signal to Noise Ratio (SNR)	≥ 45 dB
Image Enhancement	BLC, HLC, 3D DNR
<b>Interface</b>	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-Board Storage	Storage slot up to 1TB SD/SDHC/SDXC memory
Microphone & Speaker	Yes (Built-in)
Alarm In/Out	1 Channel In / 1 Channel Out (Optional)
<b>Event</b>	
Smart Event	Video Masking Detection
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning

Parameter	Details
<b>Deep Learning Function</b>	
Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
<b>General</b>	
AI Functions	Face Detection, Human Detection, People Counting, On-Duty Violation, Vehicle Detection, Vehicle Counting, Parking Violation, Smart Motion Detection, Line Crossing, Wrong-Side Vehicle Direction, Video Blind
Power	12V DC $\pm$ 25%, 0.5 A, max. 6 W, PoE: IEEE 802.3af/at, Class 3, max. 12W
Material	Metal
Storage Conditions	-30°C to +85°C (-22 °F to 185 °F).
Startup and Operating Conditions	-20°C to +80°C (-4 °F to 176 °F).
Humidity	0 to 90% RH non-condensing
MAC Address	OEM Registered
General Function	Anti-banding, mirror, privacy mask, flash log, password reset via email, pixel counter
Protection	IP67 (NABL Report Available)
Certification	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 27001:2022, CE, FCC, RoHS, BIS-ER, STQC Approved, NABL Test Report
HTTPs Certificate	15 Years Certificate with Camera

## Securus Overview

Securus CCTV is one of the Largest Indian Manufacturer & Supplier of Video Surveillance Products like High Definition Cameras, Standalone Recorders, Network Recorders, POE Switches, Video Management Surveillance Software, CCTV & Networking Cables for Surveillance & Other Surveillance Products & Solutions. Powered by In House R&D Team & State-of-the Art Factory in Electronic Zone Gandhinagar. We Manufacture Products under the **Make in India** Initiative.



## Securus AI Technology



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