

ANPR EQUIPPED WITH PATROL LIGHT BAR



ANPR Features



Speed up to 200 km/h



Alert notification SMS & Email



24/7 running Day / Night
Auto Adjustment



Access control system for
Authorized vehicle



License plate recognition
99% accuracy

Accurate color recognition
Number & Plate Color
Body Color



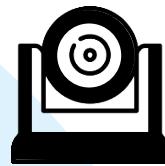
SMART LIGHT BAR FEATURES



Audio & Visible
Warning



Public
Address



Built in
PTZ Head



Control Pad



Multi Channels
Video Surveillance



GPS
Positioning



Multi Video Real time
Wireless Transmission



4G
Transmission

01 Smart Lightbar-Advanced functions

Vehicle-mounted

Audio & Visible Warning

360 degree visible including sirens to satisfy law enforcement requirements



01 Smart Lightbar-Advanced functions

Vehicle-mounted

Public Address

The integrated siren and speaker could provide all requested tones as well as recorded sound



Turn on the recorded file



On site cording Playback at the same time



01 Smart Lightbar-Advanced functions

Vehicle-mounted



Built in PTZ head

To provide the stable stand
For the cameras

01 Smart Lightbar-Advanced functions

Vehicle-mounted

Multi Channel Video Surveillance

360 degree surveillance



01 Smart Lightbar-Advanced functions

Vehicle-mounted

Multi Video Real time Wireless Transmission

Conveniently for the command center
to quickly grasp the scene situation



01 Smart Lightbar-Advanced functions

Vehicle-mounted

4G Transmission

Efficiently transmit massive amounts
of information



01 Smart Lightbar-Advanced functions

Vehicle-mounted

GPS Real-time Positioning

Keep track of location of police force



01 Smart Lightbar-Advanced functions

Vehicle-mounted

CONTROL PAD

10.1 inch display



8 core 2.0GHz



4G transmission



GPS location



Built in double shot channel



Overview

The smart patrol terminal consists of an integrated intelligent lightbar and a tablet handheld controller. By installing a high-precision, intelligent mobile detection system on patrol cars, dynamic supervision and intelligent evidence collection of vehicles and personnel can be achieved. It can not only save a lot of police force, but also play a positive role in improving law enforcement efficiency, reducing the incidence of public security cases, and creating a safe public security environment.

Functions

Advanced built-in PTZ unique design, 360° dynamic without blind spots

Real-time collection of the situation around the vehicle. 4MP panoramic AI camera, the front of which is a pan tilt monitoring camera that can rotate and zoom the lens, and there are white light lights at the four corners to ensure the clarity of the monitoring video during night patrols.

Warning light and alarm system

It has LED sound and light warning function. The warning lights, sirens and shouting can be controlled individually through the tablet device in the car.

It can play mp3 audio files and record live broadcasting function.

Positioning and time correction

Support GPS/ Beidou positioning, positioning information including latitude and longitude, altitude, vehicle speed, etc. Automatic time calibration can be carried out through GPS/ Beidou system, and the time can be automatically synchronized with the designated time server in the private network.

Face Detection

It has the functions of face detection, capture, storage and uploading. It can automatically collect facial targets entering the video screen and compare facial photos with the superior platform system.

License Plate Recognition

It can detect vehicles in multiple lanes at the same time, recognize license plates and upload photos and information to the superior platform. Against the illegal vehicle photos and license plate information stored in the system. Such as:

Illegal parking; License plate restrictions
Occupy emergency lane..

Main features:

- ◆ Video monitoring: Multi-channel ultra-clear camera monitoring and forensics, the lens has a hydrophobic anti-fog design, to meet the all-weather conditions
- ◆ AI intelligent analysis: with full structured video recognition and analysis functions for 5 categories including license plate, vehicle model, face, human figure, non-motor vehicle, etc.
- ◆ Illegal capture: with automatic recognition, capture, and upload functions for illegal parking, license plate restrictions, emergency lane occupation and other illegal behaviors
- ◆ Satellite positioning: single Beidou + inertial navigation positioning, positioning accuracy error ≤10 meters
- ◆ Wireless communication: 5G/4G full network high-speed transmission
- ◆ Warning lighting: full LED red and blue warning lights/lights/100W alarm speakers/hand controller on-site recording and MP3 broadcasting functions
- ◆ Local storage: 1T storage capacity
- ◆ On-board control terminal: Android system/8-core CPU/4GB memory/64GB storage/10 -inch high-definition capacitive touch screen/sun visor folding bracket
- ◆ Power management: DC 9~16V/ACC ignition switch control/delayed power on/off function/power off protection function
- ◆ Protection level: IP65
- ◆ Operating temperature: -20°C to 70°C

Technical Specifications

Surround HD camera (Max 6 Cams)		Video surveillance host	
Operating system	embedded Linux system	Installation direction	The peripheral high-definition cameras can be installed in six directions inside the police light: left front, left rear, right front, right rear, front and back.
Image sensor	4MP, 1/1.8" SC450AI CMOS Sensor		
Lens	6mm Focal Length, F1.0 Aperture Fixed Focus Lens		
Min. illumination	full color 0.0005 Lux@F1.0		
Resolution and frame rate	Main Stream: 2688*1520@25fps Sub Stream: 1920*1080@25fps, Supports adjustable frame rate from 1 to 25 frames per second;	Video input	Supports up to 8pcs 5MP HD network cameras
Video processing	H.265/H.264 video encoding, supporting dual bitstreams, AVI format; Supports adjustable bitrate from 0.1M to 8Mbps. Supports adjustable frame rate from 1 to 25 frames per second	Video compression standard	Recording 2592*1944@20fps; 2560*1440@25fps; 1920*1080@25fps; 704*576@25fps
Electronic shutter	1/25s~1/100000s	Wireless network	5G/4G full network access, supports NSA, SA, TDD-LTE, FDD-LTE, WCDMA, EVDO and other domestic mainstream network standards
Noise reduction	2D/3D	Satellite positioning	Support GPS / Beidou positioning, can show latitude and longitude, altitude, vehicle speed in the monitoring screen
Intelligent analysis	All cameras are equipped with the function of detecting and capturing license plate and face images (but do not support the recognition of license plate and face feature information). The captured data can be connected to third-party software for secondary recognition of images	Storage	2 hard disk interfaces, single disk supports up to 4T hard disk access, standard storage capacity 1T;
AI-ISP	Support the Black Light ISP night enhancement algorithm	Access protocol	Support the latest ONVIF, GB/T 28181
Network interface	1 RJ45 Ethernet interface, 10/100M adaptive; Support ONVIF and RTSP protocols	Warning Light & Siren	
Image enhancement	Support functions such as digital noise reduction, electronic image stabilization, defogging, anti-flicker, and backlight compensation	Warning lights	High brightness red and blue LED
Fill light	Built-in LED white lighting	LED lifespan	80,000 hours
		Siren power	100W
		PA System	can play MP3 files by the memory card

General

Power management	DC 9 ~ 16V/ACC ignition switch control/delayed on/off function/power-off protection function;
Protection	IP65
Operating temperature:	-20°C to 70°C
	Supports ONVIF and RTSP protocols and can be integrated into third-party backends/platforms.
	Support the Web end and provide SDK development to developing the software for your application.



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