

High-Definition License Plate Recognition Camera **LPR40H**



Vehicle Feature Recognition



License Plate Recognition



Low Power Consumption



Standard 8mm Fixed-Focus Lens



Target Image Upload



Night Vision Full Color



White light Array lights

LPR40H

Product Features:

- ★ Embedded intelligent deep learning license plate detection algorithm;
- ★ Supports license plate recognition, identifying the text information on vehicle license plates with an accuracy rate of $\geq 95.0\%$;
- ★ License plate types: Supports 7 common license plate categories including blue plates, yellow plates, and green plates;
- ★ Supports vehicle feature recognition with an accuracy rate of 96%
- ★ Vehicle characteristics: Supports 9 body colors including black, white, and red;
- ★ Supports uploading target images and original images with adjustable image encoding quality;
- ★ Built-in high-efficiency white light array lamp, low power consumption, full-color night vision;

Technical Specifications

Sensor Type	1/3" Progressive Scan CMOS
Electronic Shutter	1/12s to 1/8000s
Minimum Illumination	Color 0.001Lux@F1.2 (AGC ON)
Signal-to-Noise Ratio	$\geq 50\text{dB}$ (AGC OFF)
Wide Dynamic Range	$\geq 100\text{dB}$
Noise Reduction	3D Digital Noise Reduction
Lens Type	Standard 8mm Mount Fixed Focus Lens

Compression Standard

Video Compression Standard	H.265/H.264
Encoding Profile	Main Profile
video Bitrate	64 Kbps to 10 Mbps

Image

Image Settings	Adjustable brightness, contrast, saturation, sharpness, white balance; AWB (Auto White Balance), AGC (Auto Gain Control)	
Resolution	Main Stream	2560x1440; 1920x1080; 1280x960; 1280x720
Resolution	Sub Stream	704x576; 640x480
Video Frame Rate	50Hz: 1~25fps	60Hz: 1~30fps
Character Overlay	Supported	

Smart Features

Smart Detection

Motion Detection

Professional Intelligence

License Plate Recognition

Identifies text information on vehicle license plates with an accuracy rate $\geq 95.0\%$

Vehicle Features

Supports 7 types of standard license plates including blue, yellow, and green plates Supports vehicle feature recognition with $\geq 96\%$ accuracy

Image Information

Images use JPEG encoding format, supporting upload of target images and original images. Upload Methods Private protocol, FTP, HTTP, etc.

Upload Methods

Private Protocol, FTP, HTTP, etc.

Network Parameters

Protocol Support

Supports ONVIF, IPv4, TCP/IP, HTTP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, DDNS, FTP, GB/T28181, and other protocols Interfaces

Interfaces

Network Interface 1x RJ45 10M/100M auto-negotiating Ethernet port; WiFi optional

Power Interface

DC 12V

Audio Interface

1 MIC channel, 1 speaker channel, 1 audio output channel General Specifications

Standard Specifications

Power Supply

DC 12V $\pm 20\%$ / POE (802.3at)(Optional)

Power Consumption

DC12V: 12W MAX

Operating Temperature & Humidity

-20°C to 60°C, Humidity <95%(non-condensing)

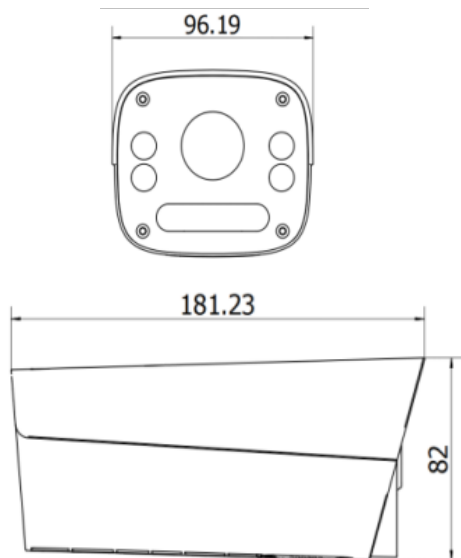
Protection Rating

IP66

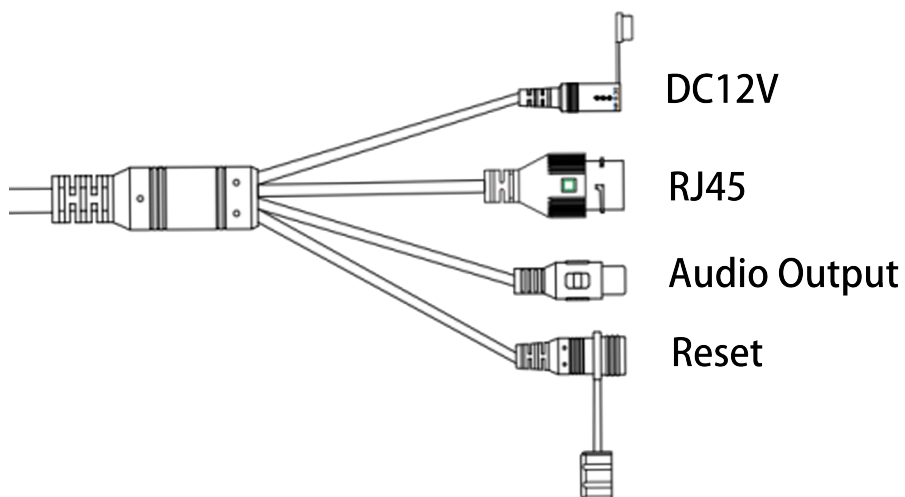
Dimensions

181.35 $\times$ 96.2 $\times$ 82 mm

Structural Diagram



Tail wire connector



Why Choose HFSecurity

20-YEAR ODM/OEM



Samples can be produced as fast as **5** DAYS

