

Red Light Capture Solution

Your Road Safety Expert

All-Day Recognition

Legal Evidence Snapshot

High Recognition Rate

3 Megapixel Camera





DISTRIBUTION OPTIONS

NobTra intelligent red light capture camera is developed for traffic management at urban intersections. Equipped with a high-definition imaging module, it delivers high-precision recognition around the clock.

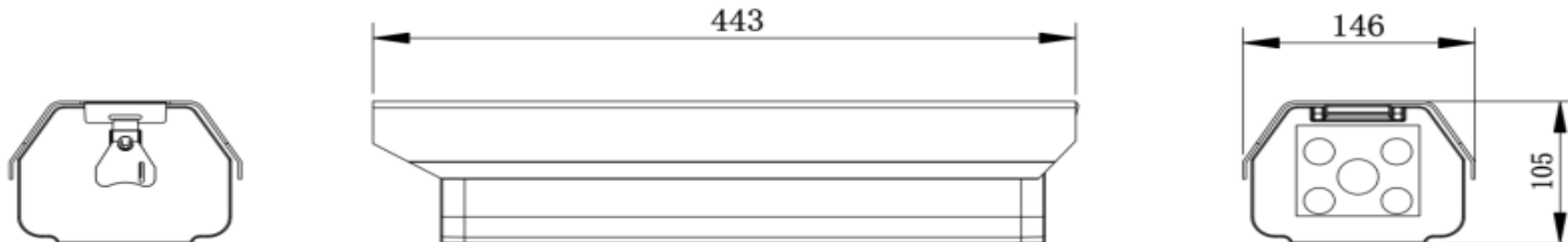
Meeting relevant protection standards, the device withstands harsh outdoor conditions including extreme temperatures, rain and dust. It can accurately capture license plates and full vehicle profiles of red-light-running vehicles, and automatically store evidence images of violations.

Supporting linkage with traffic signal controllers, it enables stable automatic capture of red-light violations, facilitating standardized management of traffic order at intersections. It is widely applied to urban arterial roads, cross intersections, park roads and other scenarios.

Product Advantages

- Simple Retrofit, No Intersection Rebuilding. Only add capture cameras & loop sensors; reuse existing poles and cables to cut construction time.
- Each violation snapshot auto-stamps red-light violation proof, plate, car color, timestamp & site info for complete legal evidence.
- $\geq 95\%$ day & $\geq 90\%$ night plate recognition, images meet official law enforcement standards.

product size



product parameter

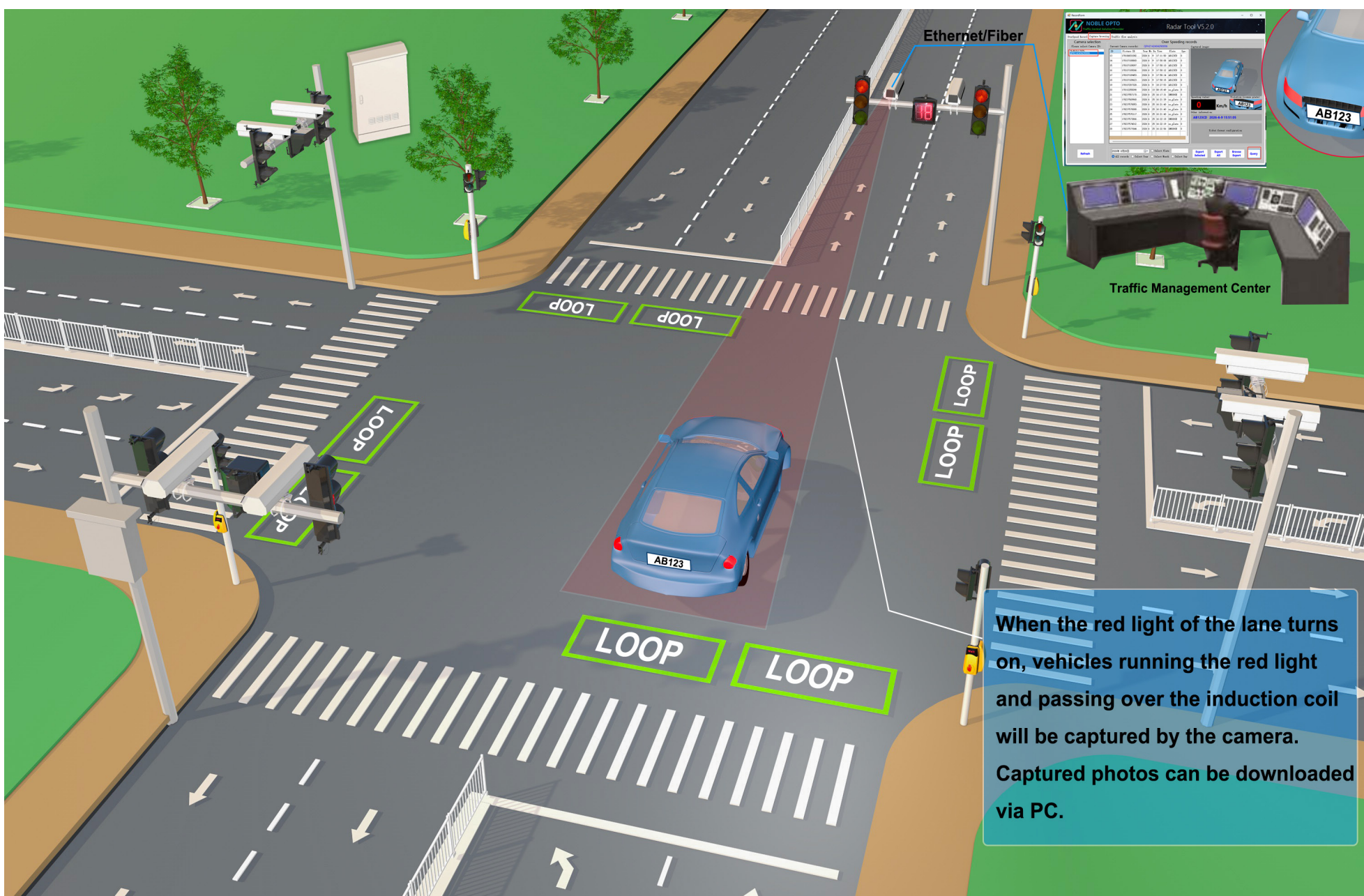
Comprehensive License Plate Recognition Rate		≥97%
Power		<5W
Waterproof Level		IP65
Working Temperature		-30 degree to 75 degree
Working Voltage		100-240VAC/12VDC
Recognition Algorithm	Recognition Angle	Max 65° horizontal, max 60° vertical
	Stable Recognition Rate for License Plates at Wide Angles	≥97%
	Recognition Distance	18m ~ 35m
	Optimal Usage Distance	Single Lane
	Supported License Plate Types	Supports license plates from Taiwan (China), Brazil, Singapore, Vietnam, Malaysia, Europe, Thailand, Hong Kong (China), Macao (China), Chile, Colombia, South Africa, Dubai and other regions/countries
	License Plate Recognition Features	Number, Color, Type, Width
Video	Video Resolution	352*288、704*576、1280*720、1920*1080
	Video Compression Standard	H.264/MJPEG;
	Compression Bitrate Output	384Kbps ~ 4Mbps
	Frame Rate	1 ~ 25fps, default at 25fps
	HTTP Push	Supported; supports uploading recognition results & offline retransmission
Imaging	Image Sensor	3MP Starlight CMOS
	Effective Resolution	2304*1296
	Standard Lens	5-50mm varifocal lens
Interface	Ethernet Port	1 x 10/100Mbps adaptive RJ45 port
	TF Card Slot	1 TF card slot, max. 64GB capacity supported
	Reset Key	1 RESET button
Parameters	Overall Dimensions	Complete unit: 443mm*146mm*105mm

Tel: +86-755-27651481 / 27651482
 Mobile/WeChat: 008613728926113
 E-mail: sales@nobleled.com
 Web: <https://www.nobleled.com>



shenzhen noble opto co.,ltd.

4-5th Floors, Building E, Shiyan Town Baoshi Technology Park, Baoan District, Shenzhen, China, 518108

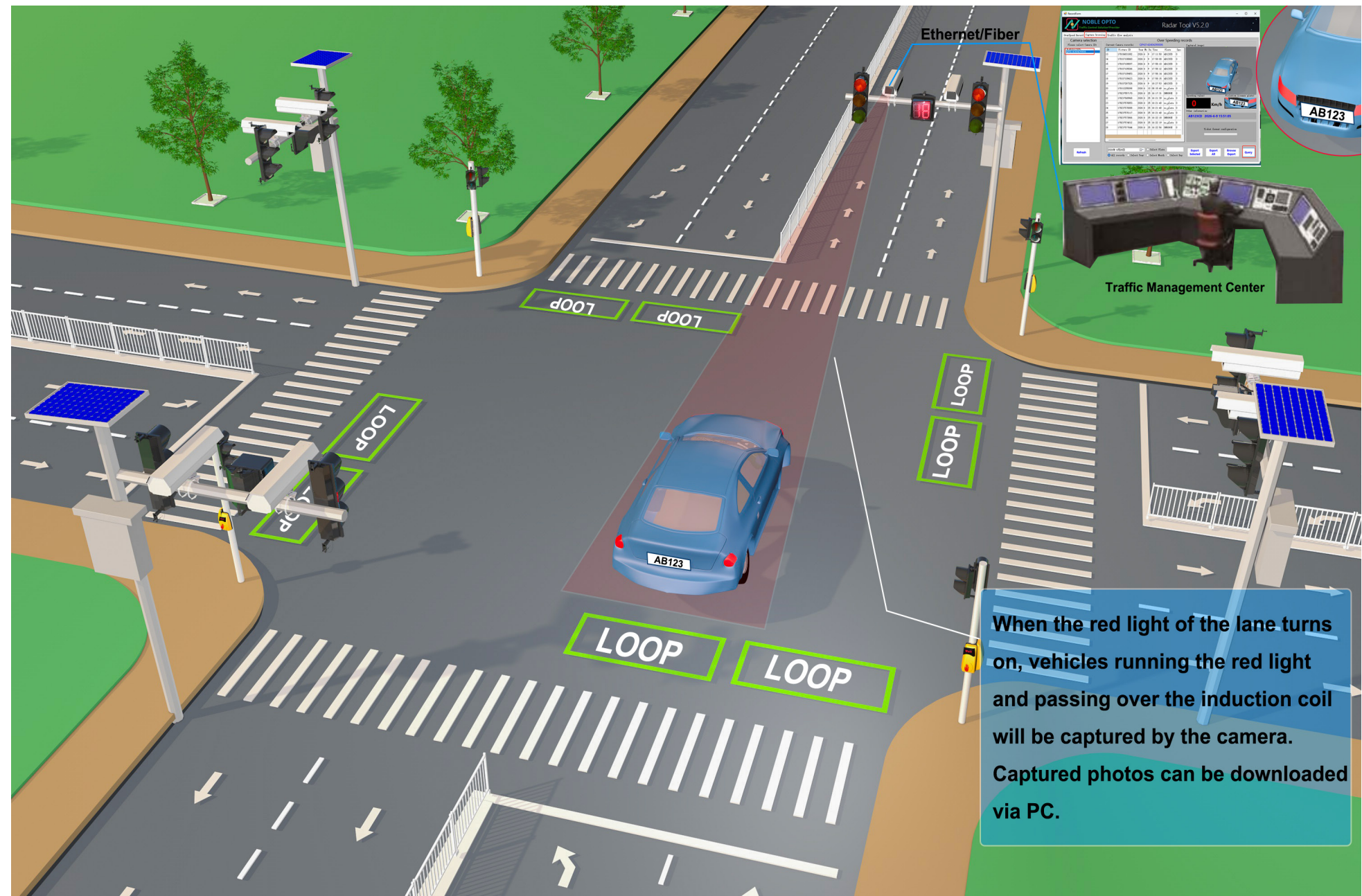


Tel:+86-755-27651481 / 27651482
Mobile/WeChat:008613728926113
E-mail:sales@nobleled.com
Web:https://www.nobleled.com



shenzhen noble opto co.,ltd.

4-5th Floors, Building E, Shiyan Town Baoshi Technology Park, Baoan District, Shenzhen, China, 518108



Tel: +86-755-27651481 / 27651482
Mobile/WeChat: 008613728926113
E-mail: sales@nobleled.com
Web: <https://www.nobleled.com>



shenzhen noble opto co.,ltd.

4-5th Floors, Building E, Shiyan Town Baoshi Technology Park, Baoan District, Shenzhen, China, 518108