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QUALITY SYSTEM
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=ISO 9001 =

NBATVD-3

AI TRAFFIC CAMERA DETECTOR

NobTra AI traffic detection camera is an integrated video traffic information collection device suitable for outdoor environments. It collects traffic data, detects traffic vehicles, and optimizes traffic signal control systems in highways, tunnels, urban intersections and sections.

The traffic flow detection camera adopts an advanced product architecture integrating an industrial camera module and a video detection module, and integrates image acquisition and video detection technology. The traffic flow collection camera can be installed on the poles such as signal lights or street lights at the intersection, road section, etc., and realizes the collection and monitoring of many 4 lane traffic information. At the same time, it provides high-definition surveillance video all the way.

Features:

Direct visual verification of the existence of the area.

ATCD series enables you to pinpoint and verify the vehicle presence detection area. As these areas appear on video images, you can easily relocate these areas as traffic conditions change.

Key functional:

- Counting, can exported the vehicle data/day (HTML format)
- Vehicle type: small car, bus, truck, human, motorcycle, bicycle
- Road vehicle detection
- Video Transmission, and Traffic Monitoring

Key benefits:

- Integration of small size (with camera & controller)
- Wide dynamic, high sensitivity
- Non-intrusive ground installation
- Adapted to day and night
- Real-time verification and monitoring
- Real-time traffic view
- Ultra-low power consumption, suitable for solar power supply.



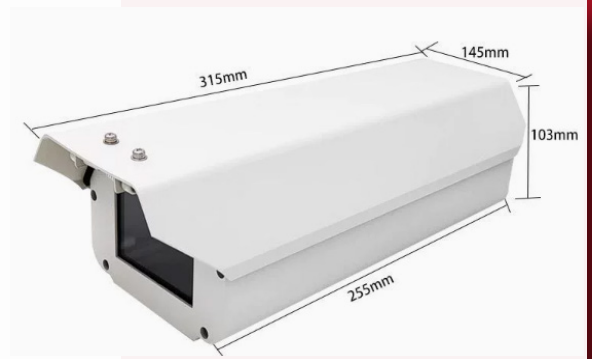
IP65



RoHS
COMPLIANT

ISO





TCD SERSIS SPECIFICATIONS

System Overview	ATVD-3
Detection Functionalities	Vehicle presence
Detection Zones	4
Detection Outputs	4 via interface via wireless & 485& Ethernet
Resolution	1920x1080 pixels
Frame rate	20 FPS
Lens Types Focal Distance	Wide Angle 2.8mm 0-30m, Narrow Angle 6.0mm 15-75m
Detection Distance	
Mounting Height	3.5-12m
CMOS type	1/2.7" Color
Lens Focal Length	Manual Focus
Compression	H264/H265
Material	Aluminum
Dimensions	315mm*145mm*103MM
Sunshield	Optional
Operating voltage	12-42VDC
Supported Protocols	TCP/IP, MQTT, RTSP
Interface(s)	485 , Wireless, ethernet
PC Tool for Setup	Traffic Configuration Tool
EMC	Electromagnetic Compatibility 2004/108/EG
FCC	FCC Part 15 Class A
Temperature Range	-10°C to +70°C
Materials	Weatherproof (UV-resistant)
Protection grade	IP65
Video format	H265/H264 full color

Lens selection

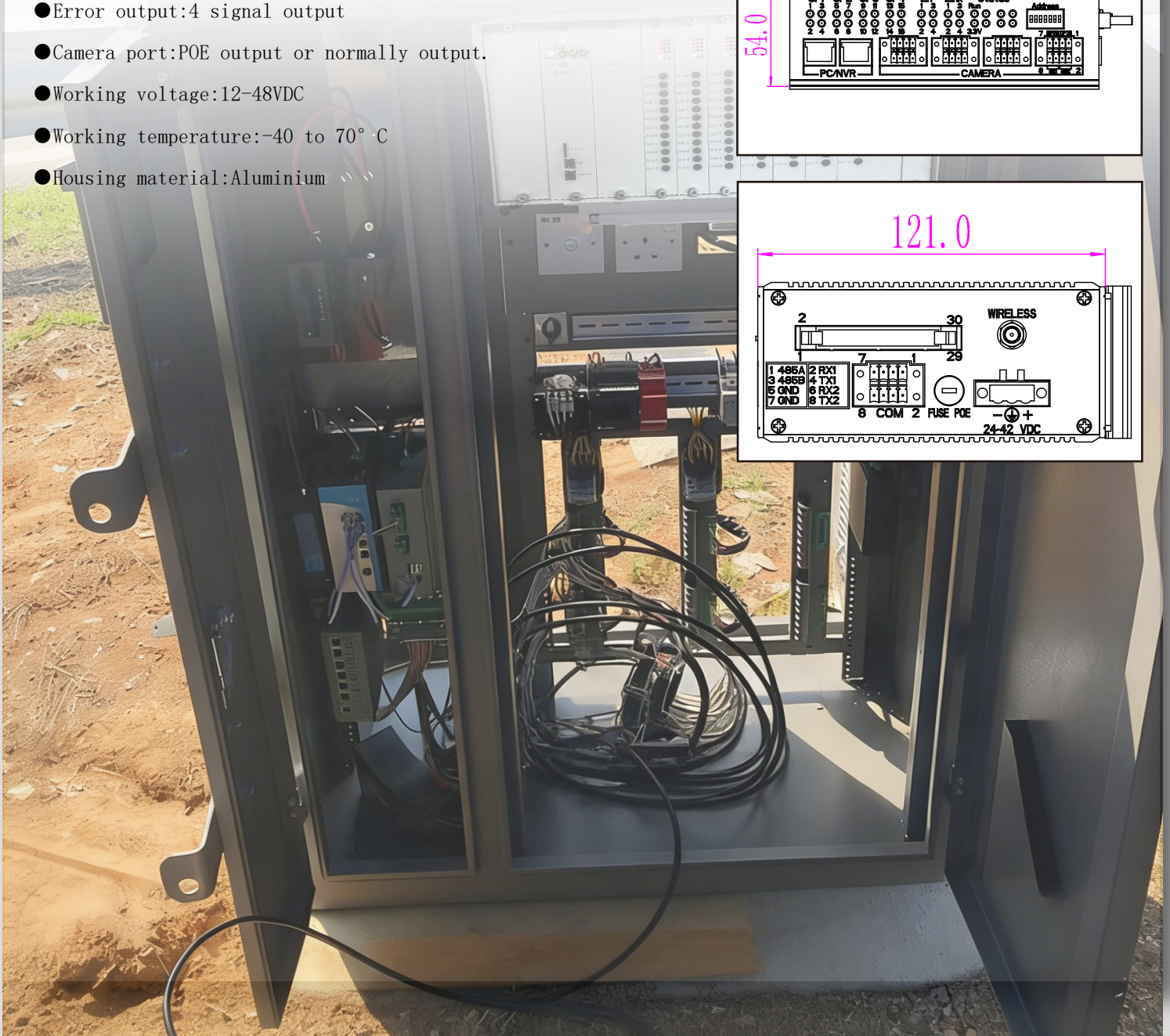
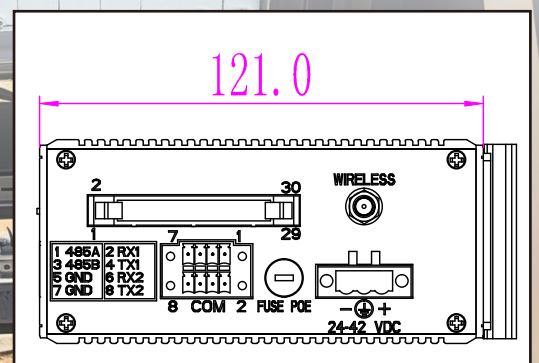
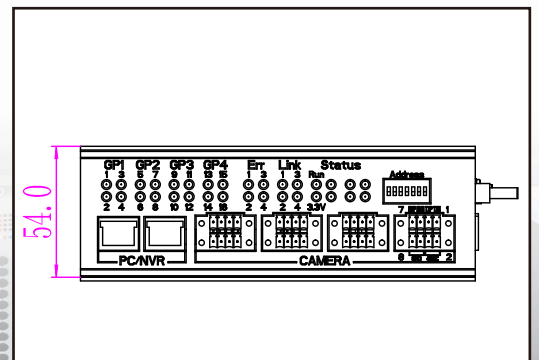
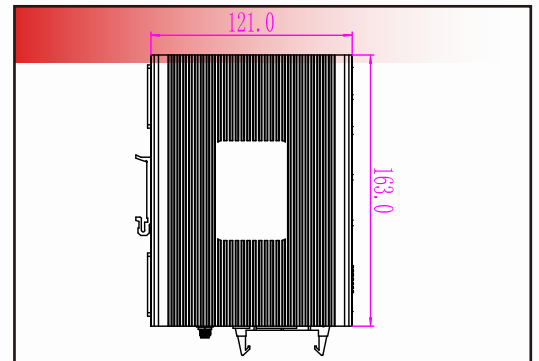
TCD	Lens type	Focal distance	Detection distance
NBATVD-3	Wide	2.8 mm	0 - 30 m

AI Camera Detector Output Board

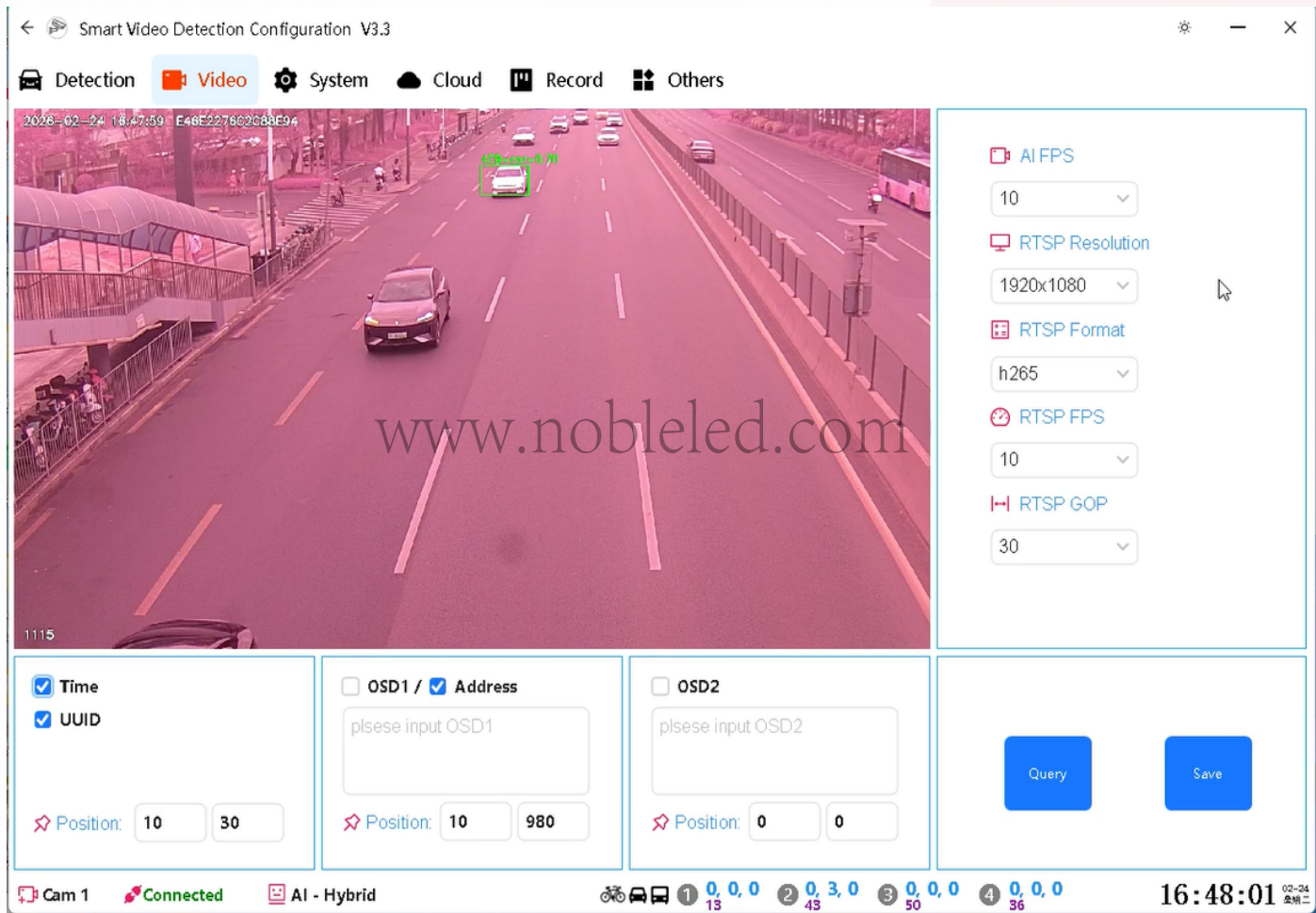
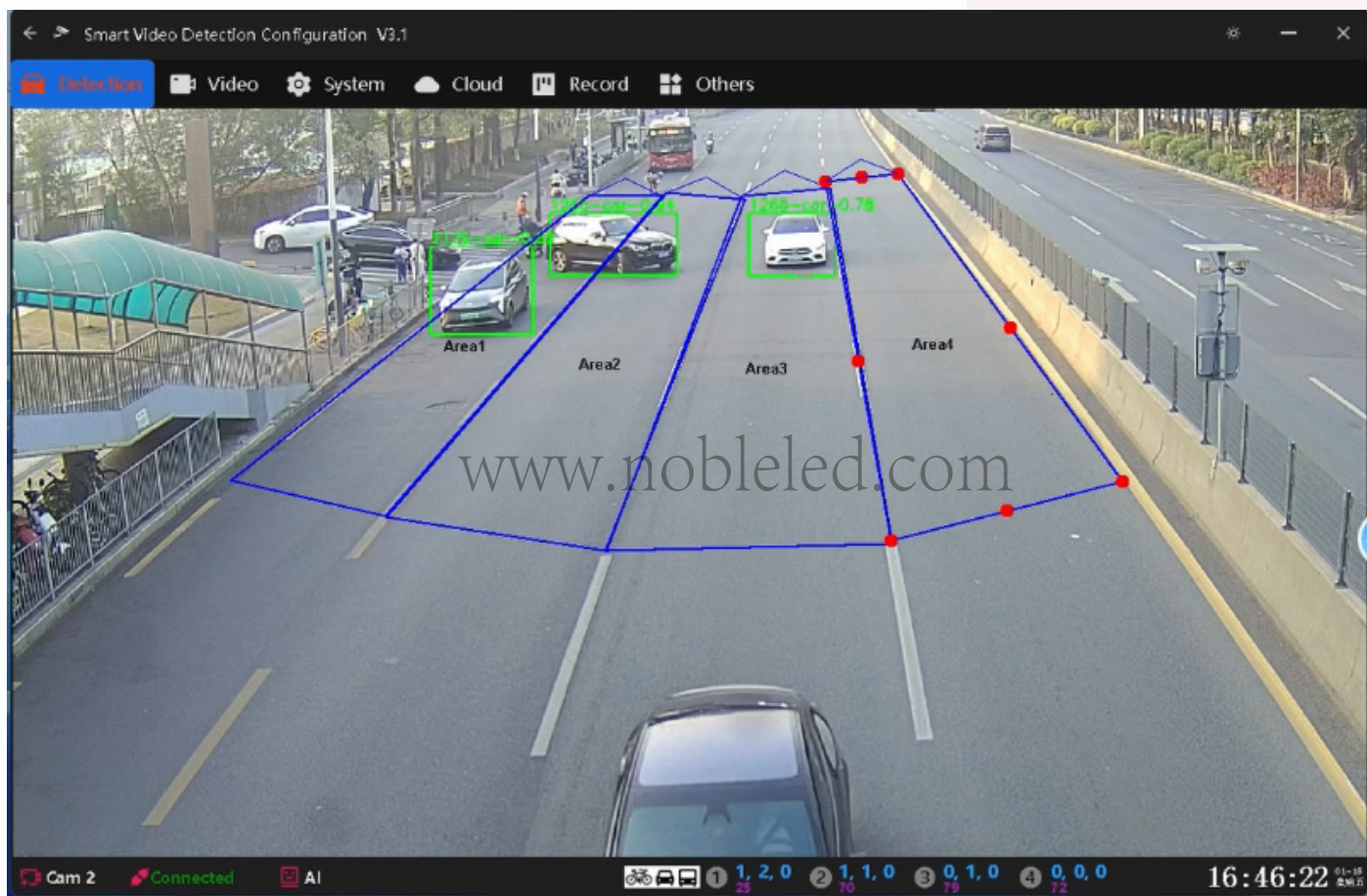


SPECIFICATIONS

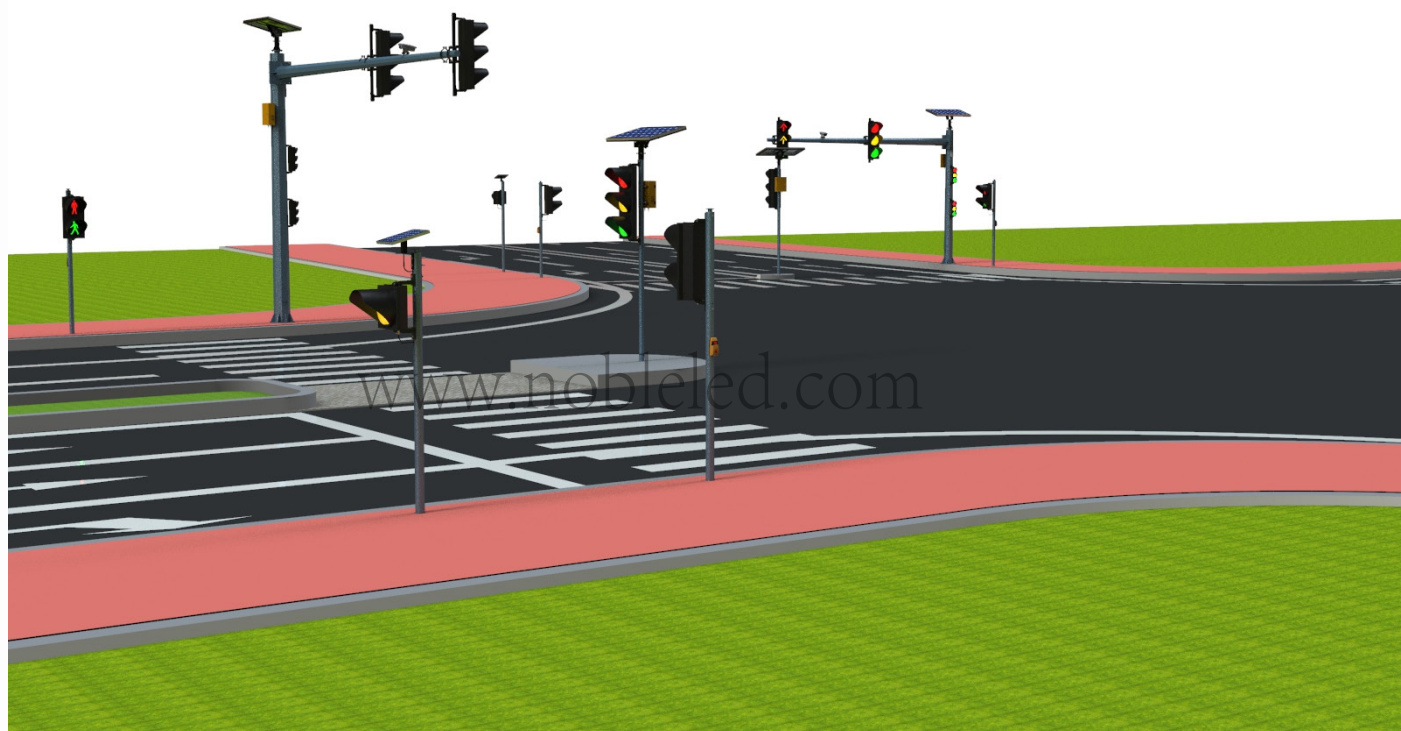
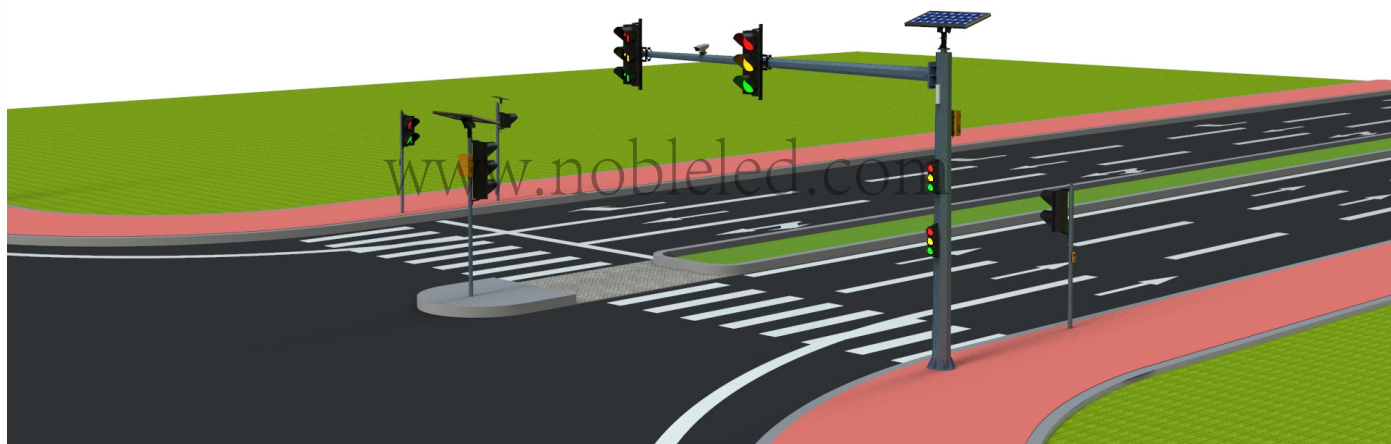
- IO card:NBCO-4TH
- CPU:ARM
- Camera input:4(max is 16 camera working in one intersection)
- NVR:H265 format
- Interface:RS232/RS485/GPIO 4 signal for each camera.
- Error output:4 signal output
- Camera port:POE output or normally output.
- Working voltage:12-48VDC
- Working temperature:-40 to 70° C
- Housing material:Aluminium



software:



Rendering:



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