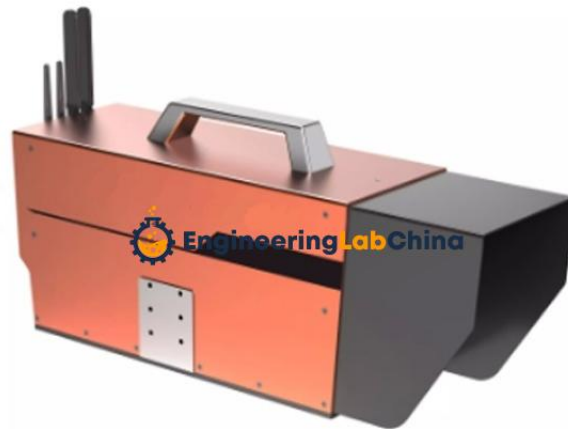


**Product Name :**  
Road Marking Retroreflectometer Vehicle Mounted

**Product Code :**  
CHINAELABC4820004



**Description :**

Road Marking Retroreflectometer Vehicle Mounted

**Technical Specification :**

Road marking's visibility, the retroreflectivity is correlated with roadway safety, it directly presented as the night visibility (RL) of pavement markings.

The vehicle-mounted marking retroreflectometer allows a constant and efficient assessment of the state of road markings while maintaining traffic flow.

The detection accuracy is consistent with the handheld retroreflective readings.

The major components of the system are the host, computer processing system, and DMI (distance measuring wheel).

The host is consist of optical measurement system, control system, imaging driver assistance system, height / tilt compensation system and Beidou positioning antenna.

Simulated observation distance: 30m

Measurement distance: 6m

Measurement width: 1200mm

Measurement range length: 500mm

Light source: Infrared laser

Measurement Rate: 300 pictures/s of a line

Measuring interval: ?100mm

Entrance & Illumination angle:  $88.76 \pm 0.01^\circ$ ?ASTM E1710?

$1.24 \pm 0.01^\circ$ ?EN 1436?

Observation angle:  $1.05 \pm 0.01^\circ$ ?ASTM E1710?

$2.29 \pm 0.01^\circ$ ?EN 1436?

RL measuring range: 0~2000 mcd/?m<sup>2</sup>·lx?

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Data repeatability: ?5%  
Indication error: ?10%  
Light source life: ?10000 hours  
Front camera: Yes  
Positioning system: BDS / GPS  
Host unit size: 570 x 164 x 209(mm)  
Weight: ?10Kg  
Operating temperature: -20~55°C  
Operating humidity: non-condensing  
Distance measurement error: 1‰  
Support vehicle speed: 0-120km/h  
Data export format: database  
Power supply: Built-in lithium battery  
System: Win 10



**Engineering Lab China**