

▲ DH-MV-RDS5021ME-00

- Capable of scanning the high-speed running freight/passenger trains
- Laser module guarantees superior black and white image
- Comprehensive function settings and status display in client
- Capable of recognizing GEVI/ADR No., Container No., UIC No., etc.
- Deep learning based OCR algorithm ensures high recognize accuracy
- Support customization and good compatibility with third-party platform



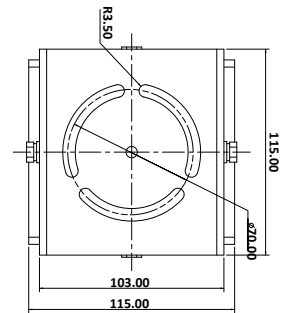
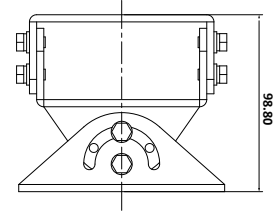
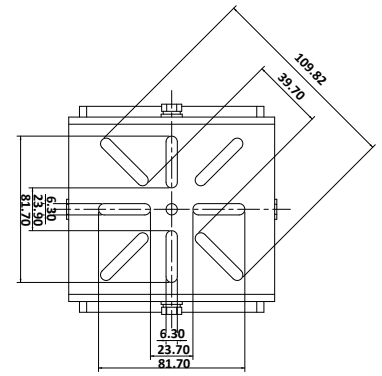
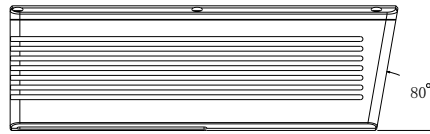
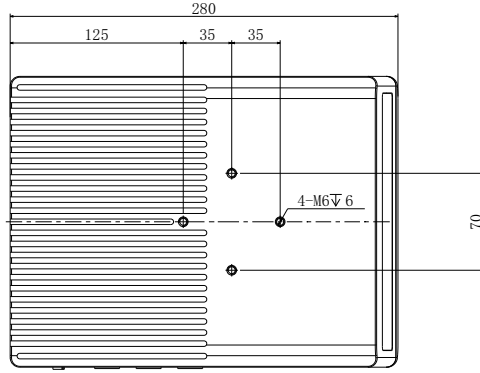
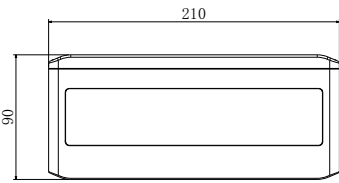
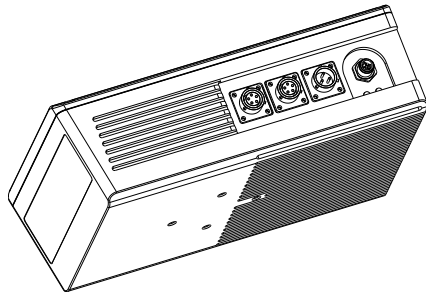
Specification

Model	DH-MV-RDS5021ME-00
Trigger Mode	Support radar trigger
Resolution	2048*1(4096*1 customized)
Maximum Line Rate	51kHz(26kHz customized)
Detectable Speed	3~200km/h
Lens	8.5mm/12mm/16mm/25mm
Angle of View	100°/80°/65°/45°
Installation Distance	2m-5m
Field of View	Max. 5m
Lighting Module	Laser source
Ingress Protection	IP67
Operating Conditions	Operation temperature: -35° C~+60° C, Humidity: <90%RH
Data Interface	Gigabit Ethernet
Power Consumption	DC24V, 5A max.
Seismic Rating	3M6
Dimension	280mm*210mm*90mm
Net weight	5KG

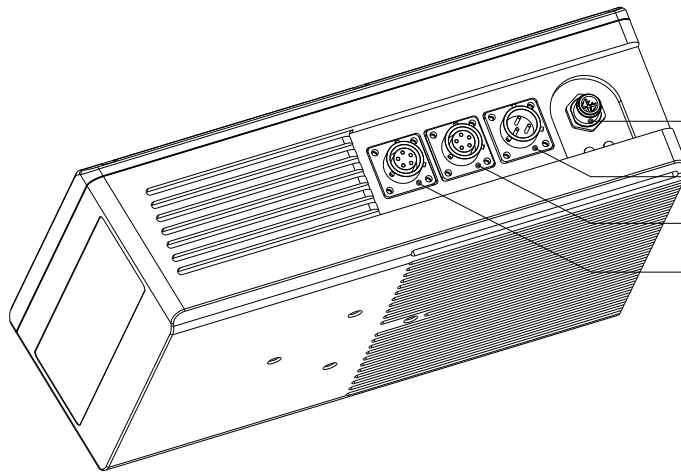
Lens match table

Lens focus length	Recommended installation distance	Field of view(train height)
8.5mm	2m	4.8m
12mm	3m	5m
16mm	4m	5m
25mm	6m	4.9m

Dimensions



Interface Instruction

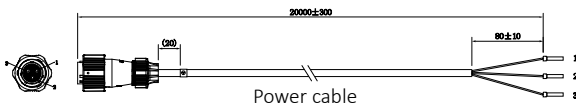


GigE interface

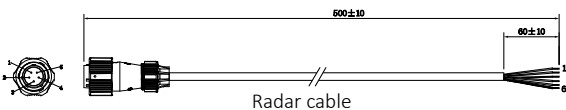
Power interface

Radar interface

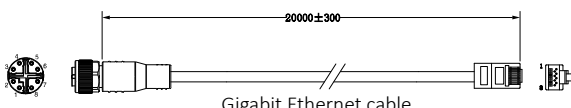
Radar interface



Power cable



Radar cable



Gigabit Ethernet cable

Pin	Color	Description
1	Brown	Power + (DC24V)
2	Blue	Power Ground (DC 0V)
3	yellow-green	Protecting Earthing

Pin	Color	Description
1	Brown	Power + (DC24V)
2	Blue	Power Ground (DC 0V)
3	Red	RXD (Recieve Data)
4	Black	TXD (Transmit Data)
5	White	Ground
6	/	Shield