ACP505_5V_A-pillar DMS Camera Specifications

Applicable Model: MD500S

Change History

File Name	ACP505_5V_A-pillar DMS Camera Specifications		
Project	MD500S	Creation Date	2025/6/18
Subproject	Accessory Specifications	Total Pages	5
Version	V1.0	Confidential	External Documentation

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Documentation Update Records

Version	Date	Modified
1.0	2024-8-09	Initial draft.
1.1	2025-06-18	Add installation diagrams

Contents

1 Product Specifications

Item	Specifications
Sensor Type	200W CMOS
Pixel size	3.0um*3.0um
Lens/sensor distortion angle	-5%
Imaging target surface	1/2.7"
Lens	4G
Focal Length	6mm
Aperture	F2.0
Metal Lens Interface Type	M12xP0.5
Field of View Angle	D=65° H=56° V=31°
Image Mode	Monochrome Image
Infrared light effective distance	0-1.2m
Infrared light wavelength	940nm
Wide dynamic range	85dB
Resolution	The default is 1280 x 720P.
Output signal	AHD analog high definition
Video format	P system
Frame rate	25fps
Supply voltage	VCC 5V(+/-0.2v)
Current	440mA(+/-10%)
Power consumption	2.2 W(+/-10%)
Operating temperature	-20℃ - +70℃
Storage temperature	-25℃ - +80℃
Aviation wire length	520mm(+/-50mm)

2 Standard Configuration

Order	Name	Quantity	Unit	Remarks
1	In-car camera	1	Pcs	Standard
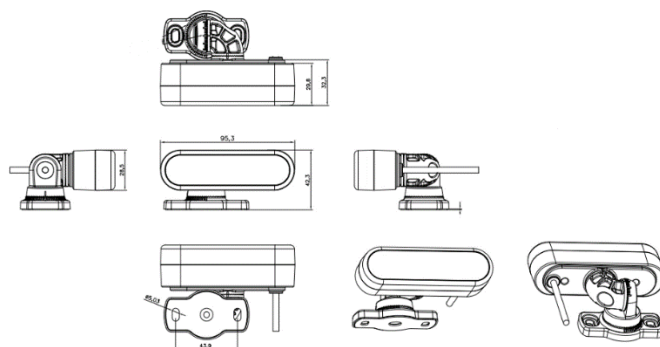
3 installation
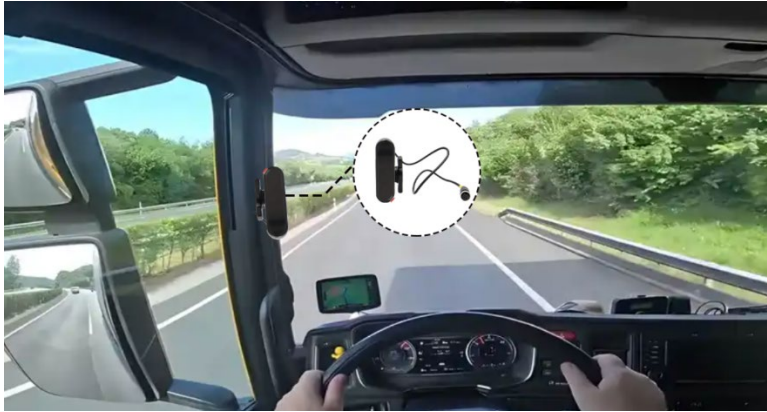
If you have any questions, do not hesitate to email us at info@meitrack.com.