

## ACP604 (ADAS) Camera Specifications




**Applicable Model: MD833H\MD600**

## Change History

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### Documentation Update Records

Version	Date	Modified
1.0	2025-04-08	Initial draft.
1.1	2025-05-08	Add comparison diagrams of WDR cameras and ordinary cameras.

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## 1 Product Specifications

Item	Specifications	
cameras	WDR cameras	Normal cameras
Lens optical performance		
Camera Type	ADAS Camera	
Sensor Type	200W CMOS	100W CMOS
Pixel size	2.9um*2.9um	3.75um*3.75um
Lens	7G	4G
Focal Length	WDR cameras: 6mm	Normal cameras: 3.6mm
Aperture	F1.6	F2.2
Lens Interface Type	M12xP0.5	
Field of View Angle	D=63° H=54° V=29°	D=80° H=68° V=40°
Image Mode	Color Image	
Resolution	The default is 1280 x 720P. Supports up to 1080P	
Dynamic Range	78~89dB Note: Only the WDR camera has this parameter.	
Audio Input	NA	
Video Output	1.0Vp-p, 75 Ω	
Output signal	AHD analog high definition	
Video format	Default PAL system	
Frame rate	25fps	
Electronic shutter	Auto 1/50-1/100,000sec	
AGC	Auto	
Supply voltage	VDC12V	
Current	100 mA	
Power consumption	1.2 W	
Operating temperature	-20℃ - +70℃	
Storage temperature	-25℃ - +80℃	
Aviation wire length	520mm	

## 2 Standard Configuration

Order	Name	Quantity	Unit	Remarks
1	In-car camera	1	Pcs	Standard



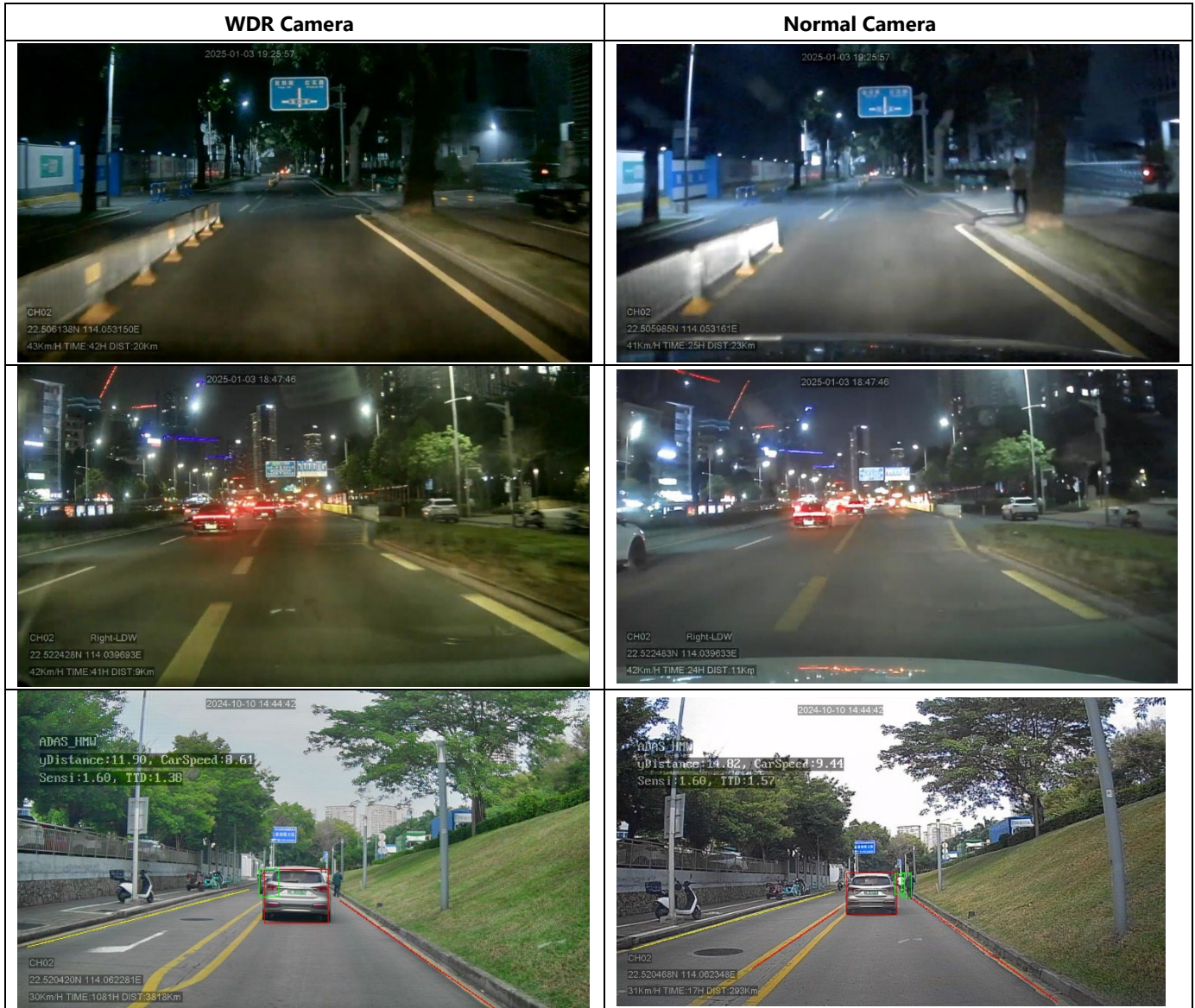
## 3 Actual installation drawing



## 4 Installation comparison

Advantages of WDR cameras compared to ordinary cameras: The overall picture brightness is slightly lower; the picture clarity is higher, the overall white balance is normal, the color saturation is also normal, and the picture looks more natural. Especially in night - time environments, there is no over - exposure phenomenon for strong light. At the same time, the accuracy of ADAS AI detection will increase by 15~20%.

Note: The ACP604 camera can be divided into WDR cameras and Normal cameras. The following are the comparison diagrams.



If you have any questions, do not hesitate to email us at [info@meitrack.com](mailto:info@meitrack.com).