

MC-AS100 User Manual



Product Introduction

MC-AS100 is an alert sign designed for vehicle AI warning systems, featuring an external 12V power supply and RS232 communication protocol. It visually displays critical alerts such as lane departure, pedestrian detection, driver fatigue, and smoking violations on its warning screen.

Core parameters

Item	Parameter
Operating Voltage	DC: 12V $\pm$ 10%
Operating Temperature	-20°C to +70°C
Operating Current	100mA;
Communication Interface	RS232
Communication Baud Rate	19200bps
Screen Size	1.44" TFT
Screen Resolution	128×128 full-color LCD
Alarm Indication	Display + buzzer alarm
Interface Method	4-core serial cable
Cable Length	1.5m

Housing Material	ABS plastic
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Alert Listing

Alarm Type	Alarm Name	Schematic Diagram
DMS	Closing eyes	
DMS	Yawning	
DMS	Distracted driving	
DMS	Smoking	
DMS	Using phone	
DMS	Camera obstruction	
DMS	Sunglasses detection	
DMS	Not wearing seatbelt	
ADAS	Front vehicle collision	
ADAS	Following too closely	
ADAS	Pedestrian collision	

ADAS	Lane drift left	
ADAS	Lane drift right	