

TM320EMB

TM320EMB: Thermal Camera for Vehicles



Specifications:

TM320EMB Driving Thermal Camera	
Detector type	Uncooled FPA detector
Detector array size	384x288
Field of View	37.9deg. x 28.8deg
Focus	Fixed athermalized lens
Frame rate	50Hz
Focal length Fixed	> 6m
Spectral response	8 -- 14 micron
Calibration	Automatic
Start time image output	< 10s at 30 Celsius
Power supply	DC12~30V
Power consumption	< 6 W
Reverse polarity	protection with power reverse & over-voltage protection
Working temperature	-41 Celsius -- +65Celsius
Storage temperature	-55 Celsius -- +85 Celsius
Humidity	> / = 6500h under salt spray condition at 25Celsius, RH 81%
Encapsulation	IP67
Shock Resistance	GJB150A - 2009
Vibration resistance	GJB150A - 2009
Electromagnetic compatibility	GJB151A
Video output	PAL
Dimensions	64x64x115 (w/o bracket, external cable)
Weight	< 0.7kg

Vehicle-Mounting Thermal Infrared Camera

Application:

Car, tank, and any other vehicles

Main Features:

Uncooled FPA microbolometer of military level
 Penetrate darkness, smoke, fog, anti-glare
 Long detect distance with wide view
 Anti-shake technology technology, observation clearer
 Panoramic focus image clear
 IP67 Encapsulation