

FU200A

FU200A: Fusion Thermal Camera for Vehicles

Specifications:

FU200A	
Field of view	36°×27° (thermal and visible light)
Pitch	8μm~12μm
NETD	≤60mK
MRTD	≤500mK
Frame rate	25 HZ
Image output format	CCIR Standard video signal
Gain	Automatic
Dimensions	110×75×110mm
Weight	≤950g
Video interface	Analog output interface
Display resolution	800×600 pixels
Display dimensions	200mm×150mm×20mm
Display weight	≤500g
Working voltage	9~32V
Smart detection of walking people	Support
Smart lane	Support
Fusion of two spectrum	Support
Zoom	1X, 2X
Display mode	black hot, white hot and green hot
Storage temperature	-41℃~+70
Working temperature	Outside the vehicle : -40℃~+60℃ In the vehicle: -30℃~+60℃
Protection	IP67
MTBF	4000h
MTTR	30min
Self test	Self test after switching on and interface for other testing
Thermal sensor	384X288 pixel
Visible light sensor	1280X960 pixels
Output resolution after fusion	720X576 pixels
Universal interface	Yes
Video	PAL



Description

This is a camera for assisting the night driving of military vehicles.

The driver can drive the vehicles safely with the vehicles lights off or under the low light condition, because the drive can immediately respond to the potential risk by detecting the lanes, people and animals on the road. Thus, it can be used on the military vehicles during night transportation of the soldiers or supplies.

