



WATCHER-IR

THERMAL DRIVER SIGHT



REAL TIME HIGH
PERFORMANCE



HIGH
RESOLUTION



HIGH
SENSITIVITY



ADVANCED SIGNAL
TECHNOLOGIES



STRONG ADAPTATION
TO THE ENVIRONMENT



STRONG
PENETRATION

WATCHER-IR

THERMAL DRIVER SIGHT

GENERAL FEATURES

Watcher-IR series thermal imagers use IRFPA military-grade uncooled thermal imaging detectors. Vehicle Mounted Thermal Camera Advanced Driver Assistance Systems Vehicle Camera ensures continued driving ability in pitch darkness, heavy smoke, dense fog and other bad weather conditions. It effectively helps drivers avoid unexpected obstacles.



TECHNICAL SPECIFICATIONS

Detector	Uncooled VOx FPA	Data interface	RS422
Resolution	640x512	Operating Temp.	-32°C ~ 55°C
Pixel Pitch	12 μm	Storage Temp.	-40°C ~ 75°C
Spectral Range	8-14 um	Humidity	%95 @40°C
NETD	< 40 mK	Vibration, Shock	MIL-STD-810
FOV	45.8°x37.5°	EMI, EMC	MIL-STD-461
MRTD	< 300mK @ 0.38 cyc/mrad	IP level	IP67
Power Supply	9-36 VDC	Dimensions	80 x 50 x 46 mm
Power Consumption	<6W	Weight	<570 g
Video Out	Analog PAL, Eth (Opt)		