

ICI NightTherm 384



System Features

- No shutter
- DDE digital enhancement
- Super low power consumption
- Instantaneous start-up
- Auto defrost
- Over voltage protection
- Athermalized lens
- Low working temperature range



Specifications

Detector type	384 X 288 UFPA
FOV	28.6° X 21.45°
Lens	18.8mm
Thermal sensitivity	< 80mk @ 300k
Frame rate	50Hz / 60Hz
Image Mode	Black Hot / White Hot
Measurement Range	-40°C to 60°C
Spectral range	8-14 microns
Spatial Resolution	0.7 mrad
Boot Time	< 3s
Shutter Speed	No Shutter
Noise Reduction	Digital Filter
Image Enhancement	DDE digital detail enhancement
Working Voltage	DC: +6V - +15V
Power Consumption	1w (steady state) 12w (maximum)
Over Voltage Protection	Yes
Anti Process Protection	Yes
Surge Voltage Protection	Maximum DC80V, Duration 2s
Storage Temperature Range	-57°C to 105°C
Humidity	Complies with IEC 60068-2-11Ka
Encapsulation	IP67
Auto Defrost	Auto defrost within 15 minutes in -30°C and 100km/h wind
Focus	Fixed Focus
Video Output	Continuous
Cable	18' flame retardant power and video output cable
TFT-LCD	7 inches (optional)
Weight	500g with bracket
Dimension	62mmX62.5mmX89mm with bracket