



ICI IR Monitor

ICI IR Monitor : Specifications

Temperature range	-40° C to 500° C (Range 1: -40 to 120°, Range 2: 0 to 500° C)(Select either standard or optional: 200 to 2000° C)
NETD	0.08° C (@30° C, 60Hz)
Accuracy	±2%(Reading) or ±2° C
Spectral Range	8 to 13µm
Detector	320×240 UFPA (MICROBOLOMETER)
Field of View (Standard Lens)	21.7°(H) × 16.4°(V)
I.F.O.V (Standard Lens)	1.2mrad
Focus (Standard Lens)	30cm to infinity
Frame Rate	60 frames/sec
A/D Resolution	14 bit
Measuring Function	Run/Freeze, Auto level/Sense, Level trace, Auto gain control
S/N Improvement	Σ2, 8, 16
Correction	Emmissivity / Environment temp / Back ground
Display Functions	Color/white andblack/Posi/Neg ISO thermal : max 4 bands. Multilingual menu
Image processing functions	Level/Sense Multi point (10), Multi emmissivity(10), Max/Min temperature display, Alarm Image filter (Median, Sharpness, etc.)
Image Output	Composite video (NTSC/PAL) RS232C
Interfaces	IEEE1394a (6pin) or Ethernet (100/10baseT) **Users can select only one of IEEE1394 or Ethernet.
Operating temp/humidity	-15° C to 50° C / 90%RH or less (Not condensed)
Storage temp/humidity	-40° C to 70° C / 90%RH or less (Not condensed)
Power supply	11 to 13V DC
Power consumption	8W (TYP) (*1)
Shock & Vibration	294m/s ² (S) / 29.4m/s ² (V)
Environmental protection	IP54 (IEC60529)
Dimensions	65×65×208mm (*1)
Weight	1.0 kg (*1)



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Includes IR Flash Professional Thermal Imaging Software.

