

THERMO SHOT F30



TECHNICAL SPECIFICATIONS

Measuring Range	-20°C TO 350°C
Resolution	0.2°C /0.1°C
Infrared Detector	Uncooled focal plane array (microbolometer)
Spectral Range	8 to 13 m μ
Frame Time	8.5 frames/sec
Thermal Image Pixels	160 (H) x 120 (V) pixels
Field of View	28°(H) x 21°(V)
I.F.O.V.	3.1mrad
Focusing Range	10cm to infinity
Focus	Manual (at 1.3m or over: Focus-free)
Accuracy	$\pm 2^{\circ}\text{C}$ or $\pm 2\%$ whichever is greater
Visible Light Camera	Approx. 0.7M pixels
Point Values	Center, max/min, movable (1 point), ΔT
Emissivity Correction	Provided
Background Compensation	Provided
Isotherm	Provided
Alarm	Display alarm, color alarm
Image Improvement	Provided
Color Palette	3 types available
Monitor	2.7" LCD
Format JPEG	(for post analysis & temp scale change)
Storage Medium	SD Card
Thumbnail Display	9 images
USB 2.0	Provided
Video Output	Provided
Batteries	Rechargeable Ni MH batteries[3 pieces]
AC Power	Provided
Sleep Mode	Provided
Automatic Shutoff	Provided
Operating Temperature	-15°C to 50°C
Protection	IP 43
Dimensions	Approx. 100 x 65 x 45mm
Weight	Approx 300g (including 3 batteries)

Benefits & features

Low Cost Compact & Lightweight - Small Enough to fit in your Pocket!! Easy Operation / User-Friendly

Data in JPEG Format / High Accuracy 0.2% of reading

Temperature Measurement: -20 degree C to 350 degree C

Visible Image with Temperature-on-Visible Mode

Minimal Focal Point Length - You can easily retrieve Thermal Images off of Smaller Images

3-Point Temperature Measurement: Image Center / Maximum or Minimum Selected

One Point Colored Alarm Function for separating areas at High and Low Temperature Delta

Temperature Measurement feature to show difference of Image

Center and Selected One Point

Focus Free Operation from 1.3m (4.3') with a focal length adjustable with large focus ring down to 10cm

Thermal Image Pixels 160[H] x 120[V]

Image Display – 2.7" LCD

Weight Approx 300 Gms

Field of View 28H x 21 [V]

Standard Accessories

Large 2.7" Color LCD Screen, Built-In Visible Light Camera with 0.7M pixel resolution, USB 2.0 for data transfer or save data via SD card, AC Adapter, Power Cable (for AC Adapter), Battery Charger, 3 Rechargeable NiMH Batteries, SD Card (1GB), USB Cable, Hand Strap, Soft Case, Viewer Software, Operation Manual, and Warranty Certificate. Approximate Dimensions: 100 x 65 x 45mm. Approx. Weight: Less than 300g (including 3 batteries)!

Optional Accessories

Video Cable

Report generating Software : NS 9200

Tripod