

S 80HR 384x288 PIXEL

Measurement & Data Capture
ICodata GmbH
Messtechnik & Datenerfassung



NEW NEW



Resolution 384 x 288 Pixel - HIGH RESOLUTION
DUO VISION, Interchangeable Lenses, Temp. +1.500°C,

LENSES AVAILABLE
Wide Angle-, Telelens
Standard 24°x 18°, 1,1 mrad

HIGH RESOLUTION
384 x 288 Pixel
Full Radiometric

TEMPERATURE RANGE
- 20°C ~ + 250°C Standard
Optional till +1.500°C
NETD: 0,08 °K

ERGONOMY
„ONE-HAND OPERATION“
Weight: 700g,
perfect for mobile operation

ALARM FUNCTION
Automatic Hot / Cod Spot
with acoustic Alarm

ACCURACY
max. ±2°C or ±2%
4 Measurement Points in Life Image

SD Memory Card
max. 2 GB

DUO VISION
Infrared and Real Image

SOFTWARE
Professional Analysis and Report
Software IRDBReport Standard

Options

Temperature Range up to +600°, +1.000°C or +1.500°C (Extra Charge)

Standard Accessory

- Battery Charger
- Rechargeable Li-ion Battery
- Videocable
- Software IRDB Report Standard
- SD Memory Card
- Hardplastic Suitcase
- IR-Lens Cover
- Manual and Calibration Certificate

ICodata GmbH • Nachtigallenstr. 36 • D-63263 Neu Isenburg
Tel. +49 6102 597707 • Fax: +49 6102 597709
Email: info@icodata.de • www.ICodata.de

S 80HR 384x288 PIXEL

Measurement & Data Capture
ICodata GmbH
Messtechnik & Datenerfassung

Technical Specification

Temperature Range	-20°C ~ + 250°C Standard Optional till max. +1.500° Uncooled Focal Plane Array (UFPA)
Sensor	uncooled Focal Plane Array (UFPA) Microbolometer uncooled
Fokus	manual
Resolution	384 x 288 Pixels
Lens	24° horizontal x 18° vertical, Standard
Minimum Focus Distance	100 mm untill infinity
Emissivity	0.1 ~1.0, adjustable
Accuracy	± 2°C or ± 2%
Real Image	integrated Digital Camera, 640 x 480 Pixels
NETD	0,08°K
Infrared Spectrum	8µm ~14µm
Frame Rate	50Hz/ 60Hz
Locating/ Positioning	Build-in Laserpointer
Spacial Resolution	1,1 mrad with Lens 24° x 18°

Software

Language Menu	Englisch, German and 5 more
Temperature Unit	°C or °F
Number of Measurement Points	3 Points, plus Auto-Hot or Coldspot
Alarm Function	automatic extrem Temperature Tracking plus acoustic Alarm when preset treshold reached

Basic Data

Interface	SD Memory Card, USB, Video Output
Power	Li-ion Batteries, 8-11V DC Power Supply
Operating Time	max. 3 Houts (Battery)
Weight	< 700 g
Dimensions (W x H x D)	82mm x 125mm x 95mm
Indsutrial Protection Class	IP54

Optional Acessory

Software IRDB Pro+ see Options Page 1, Changeable Lenses,
High-Temperature till max. +1.500°C

