







)	T 360		T 400	T 360
	25° x 18.75° 1.36 mrad 70 mK 9 or 30 Hz 0.4 m 2 x	Interfaces USB, file transfer to/from PC Audio headset connection Standard video output: CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC) Power input Lenses for IR camera Normal lens Added optics tele lens wide angle lens	✓ ✓ ✓ 25° 15° 45°	✓ • ✓ 25° 15° 45°
us	Manual / autofocus 320 x 240 pixels	Power system Rechargeable Lithium-lon battery Operating time, continuous operation Power management, automatic shut down and sleep mode AC adapter, 90-260 VAC input. 12 V output to camera	✓ 4h ✓	✓ 4 h ✓
	1	2 bay charging system, 10-16 V input.	1	1
1200 °C)	-20 °C to +120 °C 0 °C to +350 °C (optional up to +1200 °C) ± 2 °C or ± 2%	Operating temperature range Storage temperature range Humidity, operating and storage, non-condensing Encapsulation, camera housing and lens Encapsulation, Transport case	-15 °C to +50 °C -40 °C to +70 °C IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C IP 54 (IEC 60529) IP 65 (IEC 60529)	-15 °C to +50 °C -40 °C to +70 °C IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C IP 54 (IEC 60529) IP 65 (IEC 60529)
	multiple multiple / / /	Bump Vibration EMC, emission EMC, immunity	25 g (IEC 60068-2-29) 2 g (IEC 60068-2-6) EN 61000-6-3:2001 (Emission) FCC 47 CFR Part 15 Class B (Emission) EN 61000-6-2:2001 (Immunity)	25 g (IEC 60068-2-29) 2 g (IEC 60068-2-6) EN 61000-6-3:2001 (Emission) FCC 47 CFR Part 15 Class B (Emission) EN 61000-6-2:2001 (Immunity)
		Physical characteristics Weight Size, L x W x H Tripod Mounting	880 g 106 x 201 x 125 mm 1/4" - 20	880 g 106 x 201 x 125 mm 1/4" - 20
	✓ ✓ ·	Software ThermaCAM QuickReport ThermaCAM Reporter 8 ThermaCAM Reporter 8 Professional	✓ optional optional	✓ optional optional
Rain,RainHC,	• • BW, BW inv, Iron, Rain	Languages (manuals and software)	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hun- garian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Rus- sian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish	
	1	Included in the ThermaCAM™ T400 & T360	Carrying case, Lens cap, Battery (1), cord, Manual, Headset (only T400), Pen, SD Card	, Charger, Power supply, Power Video cable, USB cable, sun shield,
	1			

T400

Imaging Performance <u>Thermal</u> : Field of view Spatial resolution (IFOV) Thermal sensitivity (at 30 °C) Image frequency Min focus distance Digital zoom Pan Focusing <u>Visual</u> : Built-in digital camera 1.3 Mpixel with lamp	25° x 18.75° 1.36 mrad 70 mK 9 or 30 Hz 0.4 m 8 x ✔ Manual / autofocus	25° x 18.75° 1.36 mrad 70 mK 9 or 30 Hz 0.4 m 2 x ✓ Manual / autofocus
Detector Focal Plane array (FPA), uncooled microbolometer, spectral range, 7.5 to 13 μm	320 x 240 pixels	320 x 240 pixels
Image presentation Built-in 3,5" high resolution touch screen LCD	1	1
Measurement Temperature range Accuracy (of reading)	-20 °C to +120 °C 0 °C to +350 °C (optional up to +1200 °C) ± 2 °C or ± 2%	-20 °C to +120 °C 0 °C to +350 °C (optional up to +1200 ° ± 2 °C or ± 2%
Features Spotmeter Box area, Max/Min/Average value Box area, Max and min temp.position marker Measure hot cold temp. (color alarm incl above/below) Measure hot cold temp interval Difference temperature function Reference temperature Measure value alarms Radiometric file format Thermal Fusion IR/visual image markers Voice comments Text comments from file Text comments from file Sketch Color palettes	multiple multiple	multiple multiple / / / / / / / / / / / / / / / / / / /
Laser Pointer Laser activated by dedicated button	/	1
Image storage Removable SD-card	1	1

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Built-in digital video 1.3 Mpixel with lamp

spectral range, 7.5 to 13 μm Image presentation

Box area, Max/Min/Average value Box area, Max and min temp.position marker

Measure hot cold temp. - interval Difference temperature function Reference temperature Measure value alarms Humidity alarms (incl dew point)

Text comments from touch screen keyboard

Laser activated by dedicated button

Focal Plane array (FPA), uncooled microbolometer,

Built-in 3,5" high resolution touch screen LCD

Measure hot cold temp. (color alarm incl above/below)

Imaging Performance

<u>Thermal</u>: Field of view Spatial resolution (IFOV) Thermal sensitivity (at 30 °C) Image frequency Min focus distance Electronic zoom Pan Focusing Visual;

Detector

Measurement Temperature range Accuracy (of reading)

Insulation alarm Radiometric file format Thermal Fusion IR/visual image markers Voice comments Text comments from file

Sketch

Color palettes

Laser Pointer

Image storage Removable SD-card

Features Spotmeter







B400	B360		B400	B360
25° x 18.75° 1.36 mrad 70 mK 9 or 30 Hz 0.4 m 8 x Manual / autofocus 320 x 240 pixels	25° x 18.75° 1.36 mrad 70 mK 9 or 30 Hz 0.4 m 2 x ✓ Manual / autofocus ✓ 320 x 240 pixels	Interfaces USB, file transfer to/from PC Audio headset connection Standard video output: CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC) Power input Lenses for IR camera Normal lens Added optics, tele lens, wide angle lens Power system Rechargeable Lithium-Ion battery Operating time, continuous operation Power management, automatic shut down and sleep mode AC adapter, 90-260 VAC input. 12 V output to camera 2 bay charging system, 10-16 V input.	✓ ✓ ✓ 25° 15°, 45° ✓ 4 h ✓	 . .<
 -20 °C to +120 °C (optional up to +350 °C) ± 2 °C or ± 2% multiple ✓ 	 -20 °C to +120 °C (optional up to +350 °C) ± 2 °C or ± 2% multiple multiple ✓ 	Environmental specifications Operating temperature range Storage temperature range Humidity, operating and storage, non-condensing Encapsulation, camera housing and lens Encapsulation, Transport case Bump Vibration EMC, emission EMC, immunity	-15 °C to +50 °C -40 °C to +70 °C IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C IP 54 (IEC 60529) IP 65 (IEC 60529) 25 g (IEC 60068-2-6) EN 61000-6-3:2001 (Emission) FCC 47 CFR Part 15 Class B (Emission) EN 61000-6-2:2001 (Immunity)	-15 °C to +50 °C -40 °C to +70 °C IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C IP 54 (IEC 60529) IP 65 (IEC 60529) 25 g (IEC 60068-2-29) 2 g (IEC 60068-2-29) 2 g (IEC 60068-2-20) EN 61000-6-3:2001 (Emission) FCC 47 CFR Part 15 Class B (Emission) FC 41000-6-2:2001 (Immunity)
 multiple multiple <	· · · · · ·	Physical characteristics Weight Size, L x W x H Tripod Mounting Software ThermaCAM QuickReport ThermaCAM Reporter 8 ThermaCAM Reporter 8 Professional	880 g 106 x 201 x 125 mm 1/4"- 20 v optional optional	880 g 106 x 201 x 125 mm 1/4" - 20 optional optional
BW, BW inv, Iron, Rain,RainHC, bluered	• BW, BW inv, Iron, Rain	Languages (manuals and software) Included in the ThermaCAM™ B400 & B360	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hun- garian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Rus- sian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish Carrying case, Lens cap, Battery (1), Charger, Power supply, Power cord, Manual, Headset (only B400), Video cable, USB cable, sun shield, Pen, SD Card	