ICI Prodigy 320 P

ICI Prodigy 320 P Specifications

Detector:	Microbolometer 320 x 240 UFPA VOX
Field of View:	18° with standard 25mm lens
Optional lenses:	5mm, 10mm, 18mm, 50mm, 75mm, 100mm, 150mm, Microscopic, 25µm & 35µm Microscopic
Instantaneous Field of View:	1.13mrad
Spectral Response:	7 to 14 microns
Video Update Rate:	60Hz (16bit digital)
Focusing Distance:	4 in. to infinity
Focus Adjustment:	Manual / Electronic focus available
Temperature Dynamic Range:	16 Bits
Accuracy :	±1°C or ±1%
Thermal Sensitivity:	0.038° C @ 25° C
Operating Temperature:	-20° C to 50° C
Storage Temperature:	-40° C to 70° C
Environmental Protection:	IP54
Shock:	30g
Vibration:	3g
Palettes:	8 palettes including color and B&W

Above: ICI Flash Professional Analysis Software

Automatic or Manual Gain and Level
1 watt input powered by computer USB connection
Data Interface: USB2
Outputs: USB2

Medical Device Clearance
510(k) Number   K073581
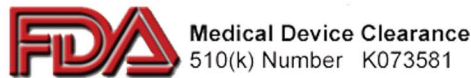
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The Prodigy infrared camera system represents the latest in innovation from ICI. The Prodigy offers uncooled infrared technology at its very best: the lowest thermal sensitivity on the planet combined with a suite of optics for nearly any application. Add the power of a Sony Micro PC and you have, in your hands, a 40GB hard drive computer running ICI's IR Flash software with the ability to record real-time data complete with 48 temperature measurement zones. Store this data for analysis later or pull out a few snapshots for report generation.

Applications

The Prodigy infrared system fuses the features of a laptop computer and a sophisticated R&D camera with portability and durability to inspect electrical transmission & distribution equipment, electrical switchgear, building envelopes, flat roofs, process equipment, mechanical equipment and any other application requiring the most sensitive streaming or fixed image temperature data. All this in a compact & lightweight infrared unit running Windows XP. Prodigy is powerful, easy to use and the smartest infrared camera for any testing or inspection application.