



ICI IR-Pad 640 Industrial



INFRARED CAMERAS INC.
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We are IR™

ICI IR-Pad 640 Industrial

The ICI IR-Pad 640 Industrial infrared camera/tablet system is a winning combination for capturing images in 640x480 pixel resolution quality. This industrial camera is a superior thermal imaging product for indoor and outdoor work environment. Featuring Dual Temperature Ranges, the ultra rugged IR-Pad 640 Industrial uses our customized ICI 8640 infrared camera to capture all of your thermal images and stores them on a 128GB Hard Drive. The unbeatable design is capable of meeting any thermography needs you may encounter in the field of industrial services. Includes our IR Flash Software.

Features

- IR Camera + Tablet System
- Unparalleled Image Resolution
- Dual Temperature Range
- Widescreen Viewing
- Heavy Duty Tablet Case
- ICI IR Flash Software Included
- Bluetooth Connectivity
- Indoor/Outdoor Use
- Adjustable Neckstrap and Stand
- Portable

Applications

- Process Control
- Robotics
- Industrial Vision Systems
- Aerial Radiometric Imaging
- Scientific Research
- Building Automation
- Security Monitoring
- Electrical Inspection

Specifications

- **Detector Array:** UFPA (VOx)
- **Pixel Pitch:** 17µm
- **Pixel Resolution:** 640x480
- **Spectral Band:** 7µm-14µm
- **NETD:** <0.02°C at 30°C
- **Frame Rate:** 30Hz P-Series or 9Hz S-Series
- **Dynamic Range:** 14 bit
- **Dual Temp Range:**
 - Range 1: -20°C – 120°C
 - Range 2: 0°C – 550°C
- **Operation Range:** -40°C to 80°C
- **Accuracy:** +/- 1°C
- **Pixel Operability:** >99%
- 75G Shock / 4G Vibration
- **Dimensions:**
 - 8.25"x12.25"x0.75" - w/o lens
 - (HxWxD +/- .025")
- **Weight:** 3lbs 1.3 oz
- USB 2.0 for Power & Data
- USB, HD Video Out
- Built in Shutter
- Internal NUC
- ICI IR Flash Software

- Integration w/IR Flash Touch
- Analysis/Report Building Software
- **Screen Size:** 12 inches
- **Screen Resolution:** 2160x1440 16:9 (widescreen)
- **Processor:** 4th Gen Intel Core i5
- **Storage:** 128GB
- **RAM:** 4GB
- **Touch:** Multi-touch
- **Wireless:**
 - Wi-Fi 802.11ac/802.11 a/b/g/n
- Bluetooth® 4.0 Low Energy
- Digital Compass
- Windows 10 Pro
- 5MP Rear Facing Camera
- 5MP Front Facing Camera
- Stereo Microphone
- Stereo Speakers w/ Dolby™ Sound
- Accelerometer
- Gyroscope
- Magnetometer
- Surface Pen
- E-Mail

Options & Accessories

- 7.5mm Fixed Focus Lens (90x69 FOV, +35 grams)
- 9mm Fixed Focus Lens (69x56 FOV, +40 grams)
- 12.5mm Manual Focus Lens (50x37.5 FOV, +64grams)
- 13mm Fixed Focus Lens (45x37 FOV, +45 grams)
- 19mm Fixed Focus Lens (32x26 FOV, +25grams)
- 25mm Fixed Focus Lens (25x20 FOV, +50grams)
- 30mm Manual Focus Lens (20x15 FOV, +100grams)
- 35mm Fixed Focus Lens (18x14 FOV, +100grams)
- 50mm Fixed Focus Lens (12.4x9.9 FOV, 230grams)
- 60mm Fixed Focus Lens (10.4x8.3 FOV, 460grams)
- 100mm Fixed Focus Lens (6.2x5 FOV, 460grams)

