The ICI IR-Pad 640 Industrial infrared camera/tablet system is a winning combination for capturing images in 640x512 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 128 GB 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 Pro 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: 17 µm
- Pixel Resolution: 640x512
- Spectral Band: 7 µm to 14 µm
- Thermal Sensitivity (NETD): < 0.02 °C at 30 °C (20 mK)
- Frame Rate: 30 Hz P-Series or 9 Hz S-Series
- Dynamic Range: 14-bit
- Temp. Range: -40 °C to 140 °C
- Operation Range: -40 °C to 80 °C
- Storage Range: -40 °C to 70 °C
- Accuracy: ± 1 °C
- Pixel Operability: > 99 %
- 75 G Shock / 4 G Vibration
- Dimensions (without lens): 209 x 311 x 19 mm (H x W x D ± .5 mm)
- Weight (without lens): 1400 g
- USB 2.0 for Power & Data
- USB, HD Video Out
- Built in Shutter
- Internal NUC
- Power: Built-in, Rechargeable
- Operating System: Windows 10
- ICI IR Flash Pro Software
- Screen Size: 12"
- Screen Resolution: 2160x1440
  16:9 (widescreen)
- Processor: 4th Gen Intel Core i5
- Storage: 128 GB
- RAM: 4 GB
- Touch: Multi-touch
  Wi-Fi 802.11ac/802.11 a/b/g/n
  Bluetooth® 4.0 Low Energy
  Digital Compass
- Digital Cameras:
  5 MP Rear Facing Camera
  5 MP Front Facing Camera
- Video Format: MP4, > 60 minutes
  1280x960 @ 30 fps
- Video Out: Micro HDMI
- Image Format: JPG
- Image Polarity: Iron, White Hot,
  Black Hot, Rainbow, IR11, IR256
  Research, Rainbow Percentage
- Stereo Microphone
- Stereo Speakers w/ Dolby™ Sound
- 3-axis Accelerometers
- 3-axis Gyroscope
- Magnetometer
- Surface Pen
- E-Mail

**Options & Accessories**

- 12.5 mm Manual Focus Lens
  (50° x 37.5° FOV, +64 g)
- 13 mm Fixed Focus Lens
  (45° x 37° FOV, +45 g)
- 19 mm Fixed Focus Lens
  (32° x 26° FOV, +25 g)
- 25 mm Fixed Focus Lens
  (25° x 20° FOV, +50 g)
- 30 mm Manual Focus Lens
  (20° x 15° FOV, +100 grams)
- 35 mm Fixed Focus Lens
  (18° x 14° FOV, +100 g)
- 50 mm Fixed Focus Lens
  (12.4° x 9.9° FOV, 230 g)
- 60 mm Fixed Focus Lens
  (10.4° x 8.3° FOV, 460 g)
- 100 mm Fixed Focus Lens
  (6.2° x 5° FOV, 460 g)