IR-Pad 320 - Industrial
The ICI IR-Pad 320 Industrial infrared camera/tablet system is the perfect combination for capturing images in 320x240 pixel resolution quality. It is ideal for indoor use and is a superior thermal imaging product for outdoors in the work field as well. This industrial camera is a superior thermal imaging product for indoor and outdoor work environment. Featuring Dual Temperature Ranges, the ultra rugged IR-Pad 320 Industrial uses our customized ICI 8320 infrared camera to capture all of your thermal images and stores them on a 128 GB Hard Drive. Includes our IR Flash Pro software.

**Features**
- IR Camera + Tablet System
- Unparalleled Image Resolution
- Widescreen Viewing
- Heavy Duty Tablet Case
- Bluetooth Connectivity
- Indoor/Outdoor Use
- Adjustable Neckstrap and Stand
- IR Flash Touch Software
- Analysis/Report Building Software
- 8 Palettes including B&W

**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:** 320x240
- **Spectral Band:** 7 µm to 14 µm
- **Thermal Sensitivity (NETD):** < 0.02 °C at 30 °C (20 mK)
- **Frame Rate:** 60 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
- **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 Gyroscopes**
- **Magnetometer**
- **Surface Pen**
- **E-Mail**

**Options & Accessories**
- 5 mm Fixed Focus Lens (58’’ x 44.5’’ FOV, +35 g)
- 8 mm Fixed Focus Lens (40’’ x 30’’ FOV, +40 g)
- 9 mm Fixed Focus Lens (69’’ x 56’’ FOV, +40 g)
- 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)
- 33 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)