IR-Pad 320 Research
The ICI IR-Pad 320 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 ultra rugged IR-Pad 320 uses our custom ICI 8320 infrared camera to capture all of your thermal images. The design is unbeatable and is virtually applicable to any situation that a thermographer may encounter in their critical business use and also 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
- Portable
- 8 Palettes including B&W

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

**Options & Accessories**
- 5 mm Fixed Focus Lens
- 8 mm Fixed Focus Lens
- 9 mm Fixed Focus Lens
- 12.5 mm Manual Focus Lens
- 13 mm Fixed Focus Lens
- 19 mm Fixed Focus Lens
- 25 mm Fixed Focus Lens
- 33 mm Manual Focus Lens
- 35 mm Fixed Focus Lens
- 50 mm Fixed Focus Lens
- 60 mm Fixed Focus Lens
- 100 mm Fixed Focus Lens

**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

**Applications**
- **Screen Size**: 12"
- **Screen Resolution**: 2160x1440
- **Processor**: 4th Gen Intel Core i5
- **RAM**: 4 GB
- **Touch**: Multi-touch
- **Video Format**: MP4, > 60 minutes
- **Video Out**: Micro HDMI
- **Image Format**: JPG
- **Image Polarities**: 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