The ICI IR-Pad 640 Veterinary Infrared Camera / Tablet System is a winning combination for capturing high quality images. Featuring a custom calibration specifically suited for veterinarian applications, the IR-Pad 640 is useful in preventative and ongoing treatment of animals and pets. This ultra rugged IR-Pad Veterinary infrared camera utilizes a 640x512 high resolution detector to capture all of your thermal images, perfect for Offices, Field Work, or House Calls. The design is unbeatable and built specifically for all needs that a veterinary thermographer may encounter in their critical business. 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**
- Fever Screening
- Injury Discovery
- Pain / Inflammation
- Equine / Cattle Health
- Dermatology
- Scientific Research

**Specifications**
- **Detector Array**: UFPA (V0x)
- **Pixel Pitch**: 17 µm
- **Pixel Resolution**: 640x512
- **Spectral Band**: 7 µm to 14 µm
- **Thermal Sensitivity (NETD)**: < 0.02 ºC at 30 ºC (20 mK)
- **Frame Rate**: 30 Hz P-Series or 9 Hz S-Series
- **Dynamic Range**: 14-bit
- **Temp. Range**: -40 ºC to 140 ºC
- **Operation Range**: -40 ºC to 80 ºC
- **Storage Range**: -40 ºC to 70 ºC
- **Accuracy**: ± 1 ºC
- **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
- **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)