ICI | S Series IR Camera
The ICI S Series IR Camera with 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 field work. This ultra rugged IR Camera uses our custom ICI S Series IR Camera 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. Includes our IR Flash version 1.0 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 Medical Software
- 8 Palettes including B&W

### Applications
This device is intended for use as an adjunct to other clinical diagnostic procedures in the diagnosis, quantifying, and screening of relative skin surface temperature.

**Environment of use:** Hospitals, Sub-Acute Healthcare Settings, and Public Areas i.e. airports.

### 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:** 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 Version 1.0 Software**

### 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)

- **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:** JPEG
- **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**