

ICI | Corona 640



www.infraredcamerasinc.com | sales@infraredcamerasinc.com

INFRARED CAMERAS INC.
2105 W. Cardinal Dr.
Beaumont, TX 77705

Phone: (409) 861-0788
Toll Free: (866) 861-0788

We are IR™

ICI | Corona 640

ICI's Corona 640 is solar-blind to ultraviolet light emitted from the sun and overlays corona effects over a visible image. A complete solution for the inspection and maintenance of transmission lines and electrical substations. The Corona 640 accurately detect sources of corona, partial discharge, as well as micro arcing and arcing that may lead to: audio noise, radio/TV interference and electrical mechanical failures. Use both indoors and outdoors for aerial inspections, maintenance, and research. The Corona 640 pairs with ICI's line of infrared cameras to cover a wide range of spectrums. Must be paired with an ICI Visible camera via the Sensor Control module.



Features

- Intrinsically Safe Design
- Ultra Low Power Consumption
- Detection distance up to 50 m
- High Stability
- Fast Response
- High Sensitivity

Applications

- Industrial
- Aerial
- Scientific Research
- Space Research & Exploration
- Research & Development
- Electrical Inspections
- Mechanical Maintenance

Specifications

- **Pixel Resolution:** 640x480
- **Spectral Band:** 225nm to 285nm
- **Extreme Deep Optical Rejection:** > 300 nm
- **Frame Rate:** 30 Hz or Optional: 120 Hz
- **Dynamic Range:** 14-bit
- **Operation Range:** -40 °C to 80 °C
- **Storage Range:** -40 °C to 70 °C
- **Pixel Operability:** > 99 %
- 75 G Shock / 4 G Vibration
- **Dimensions:** 76 mm x 50 mm x 50 mm (H x W x D ± .5 mm)
- **Weight:** 1397 g
- USB 2.0 for Power & Data
- USB, Parallel HD Video Out
- Built in Shutter
- Standard C-Mount Lens Mount

Options & Accessories

- Sensor Control Module
- 8000 Series IR Cameras
- 9000 Series IR Cameras

