

INFRARED THERMAL IMAGER CAMERA RESOLUTION UTi120S

The UTi120S is an infrared thermal imager camera produced by UNI-T, a well-known manufacturer of electronic test and measurement instruments. The UTi120S model typically features a thermal resolution of 120 x 90 pixels. This resolution is relatively basic and is suitable for general-purpose thermal imaging tasks such as electrical inspections, HVAC system checks, and basic building diagnostics.

Here are some key specifications of the UTi120S:

- **Thermal Resolution:** 120 x 90 pixels
- **Field of View (FOV):** 32° x 24°
- **Thermal Sensitivity (NETD):** $\leq 0.15^{\circ}\text{C}$
- **Temperature Range:** -20°C to 350°C (-4°F to 662°F)
- **Image Frequency:** 9Hz
- **Display:** 2.8-inch color LCD screen
- **Battery Life:** Approximately 4 hours

The UTi120S is designed for users who need a portable and easy-to-use thermal imaging camera for basic thermal inspections. While the resolution is not high compared to more advanced models, it is sufficient for many common applications. If you require higher resolution for more detailed thermal analysis, you might want to consider other models with higher pixel counts, such as the UTi260B or UTi640.

