

Code: UTI-721M

## THERMAL IMAGING CAMERA **UTI-721M** 3.2 mm UNI-T

The UTI-721M thermal imaging camera is designed to work with smartphones and tablets with the Android operating system. The camera is equipped with a very sensitive, uncooled VOx microbolometer, which allows to obtain an image with a resolution of 256x192 px.

**Attention!** For the camera to work properly, the mobile device must support the OTG function. In addition, a dedicated camera application must be downloaded on the mobile device.



Compatibility:	Android
Sensor:	Uncooled VOx microbolometer
Matrix size:	256 x192 px
Pixel pitch:	12 μm
Thermal sensitivity (NETD):	< 50 mK @ 25 °C
Spectral range:	8 μm ... 14 μm
Color palettes:	7
Lens:	3.2 mm
View angle:	56 °
Temperature measurement range:	-20 °C ... 550 °C
Accuracy of temperature measurement:	± 2 °C
Emissivity:	Range : 0.01 - 1.00, 0.95 (default)
Main features:	<ul style="list-style-type: none"> <li>• USB-C plug</li> <li>• Temperature measurement : the warmest point, the coolest point, center of field of view of the camera</li> </ul>
Power supply:	5 V (from the USB-C socket of the mobile device)



# DATA SHEET

Color:	Black
"Index of Protection":	—
Operation temp:	-10 °C ... 50 °C
Weight:	0.013 kg
Dimensions:	33 x 28 x 12 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years