

# Infrared Thermal Imaging Camera **multicomp**<sup>PRO</sup>

---

**RoHS  
Compliant**



## Description

This 220 × 160 IR Resolution Infrared Thermal Imager features an impressive resolution, delivering crystal clear images to identify problematic areas. This thermal imaging camera stands out with a lithium-ion battery which increases operation time and a larger screen to better view images in the lab or in the field.

## Specifications

Display	: 3.2 inch full viewing angle high-resolution TFT colour screen
Infrared Image Resolution	: 220 × 160
Resolution of visible image	: 0.3 million pixel
Total Pixel	: 35200
Field Angle / Shortest Focal Length	: 27° × 35°/0.5m
Thermal Sensitivity	: 0.07°C
Measuring Mode	: Thermopile
Temperature Range	: -20°C to 300°C (-4°F to 572°F)
Measuring Accuracy	: ±2.5°C or ±2.5%
Emissivity	: Adjustable from 0.1 to 1 Image
Frequency	: 9HZ
Wavelength Range	: 8-14µm
Focus Mode	: Fixed
Colour Palette	: Rainbow, iron oxide red, cold colour, black & white, white & black
View Option	: Full infrared and full vision Visible image with 25% step length
Image Storage Medium	: Built-in 3G
Image Format	: JPG
USB	: Micro USB 2
Set Control	: Unit Adjustment/Language/Date Time Format/Automatic Power-off
Automatic Power-off Time	: Selectable 5 minutes/20 minutes/ not power off automatically
Battery Type	: 1V × 3.7V Built-in Rechargeable Battery (Included)
Certification	: CE, RoHS
Operating Temperature	: 0°C to 50°C / Storage Temperature: -40°C to 80°C
Material	: ABS

---

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp**<sup>PRO</sup>

# Infrared Thermal Imaging Camera **multicomp**<sup>PRO</sup>

## Features

Infrared imaging resolution:	220 pixel × 160 pixel
Temperature Range	-4°F to 572°F
Battery Type: 1V × 3.7V Built-in Rechargeable Battery (Included)	One 3.7V Built-in Rechargeable Battery (Included)

## Accessories Included

Thermal Imaging Camera, Drop Resistance Rope, USB Line, Protection Bag, User Manual

**Standard Warranty: 03 years**

## Part Number Table

Description	Part Number
Infrared Thermal Imaging Camera, 220 × 160 Resolution, -20°C to 300°C	MP780401

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp**<sup>PRO</sup>