


TIC 300

TIC 450

Specifications

Display	2.4" Color Display	2.8" Color Display
Infrared Image Resolution	60 x 60	160 x 120
Total Pixels	3600	300000
LCD Resolution	-	320 x 240
FOV / Shortest Focal Length	20° x 20° / 0.5m	35° x 26° / 0.15m
Thermal Sensitivity	0.3°C	0.07°C
Temperature Range	-20°C ~ 300°C (-4°F ~ 572°F)	-20°C ~ 450°C (-4°F ~ 842°F)
Measuring Accuracy	±2% Digit / ±2°C	±2% Digit / ±2°C (Greater than 300°C±5%)
Wavelength Range	8 ~ 14µm	8 ~ 14µm
Image Capturing Frequency	6Hz	9Hz
Emissivity	0.1 ~ 1.0 (Adjustable)	0.01 ~ 1.0 (Adjustable)
Focus Mode	Fixed	Fixed
Palette	Iron Color, Rainbow High Contrast, Gray Scale (Black Glow) And White Scale (White Glow)	Rainbow, Iron Oxide Red, Cold Color, Black & White, White & Black
Image Storage	Micro SD Card (4GB)	Built in 3GB (Above 20 Thousand Image Stored)
File Format	BMP	JPG
USB	-	Micro USB 2.0
Set Control	Unit Adjustment / Language / Date Time Format / Automatic Shutdown	Unit Adjustment / Language / Date Time Format / Automatic Shutdown
Battery Type	AA x 4 Alkaline Batteries	Built-in Chargeable 18650 Battery (Detachable)
Automatic Power-Off Time	12 Minutes	Selectable : 5min. / 20min. / No Power Off
Operating Temperature	-5°C ~ 40°C	0°C ~ 45°C
Storage Temperature	-20°C ~ 50°C	-20°C ~ 60°C
Relative Humidity	10% RH ~ 80% RH	<85% RH
Size	212 x 95 x 62mm (approx.)	226 x 96 x 72mm (approx.)
Weight	320gms (approx.)	389gms (approx.)
Waterproof Rating	IP54	IP54
Accessories	Carrying Case, Inst. Manual, Micro SD Card (installed), Wristlet, AA x 4 Batteries (installed)	Carrying Case, Inst. Manual, AC Adapter, USB Cable, Wristlet, Built-in Chargeable Battery (installed)