

5. Technical Specifications

Display	6,0cm (2,4") LCD-TFT display with a resolution of 640 x 480 Pixels
Resolution of infrared image	60 x 60 (3600 Pixels)
Resolution of visible image	0,3 Megapixel
Field angle	20 x 20°
Shortest focal distance	0,5m (fixed)
Thermal sensitivity	0,3°C
Range of temperature measurement	-20°C ... +300°C
Accuracy	+/-2,0% or +/-2°C (+/-2% or +/-4°F)
Image capturing frequency	6 Hz
Wave length	8 ~ 14 µm
Emissivity	0.1 - 1.0, adjustable
Color palette	Iron red, Rainbow, Rainbow (high contrast), gray scale (white glow), Gray scale (black glow)
Vision option	25% step infrared to visional image
Memory card	Mini SD-Karte
File format	BMP (Bitmap)
Operating temperature	-5°C – 40°C
Storage temperature	-20°C – 50°C
Relative humidity	10 – 80% RH
Power supply	4 x 1,5V AA (UM-3) Batteries
Battery life	6 hours
Auto power off	12 Minutes
Dimensions (WxHxD)	62 x 212 x 95 mm
Weight	320 g