

PRODUCT FUNCTION

- Real-time image observation, temperature analysis, and other functions.

PRODUCT FEATURES

- Temperature measurement range: -20°C~550°C; 3 switchable temperature units.
- 6 type color palettes available; 4 type image modes available; 16GB built-in memory.
- With flashlight function; Equipped with rechargeable battery.
- Supports data upload to PC for easy analysis.



TECHNICAL SPECIFICATION

Model	EM160	EM256
Battery	3200mAh (Non-removable)	3200mAh (Non-removable)
IR Resolution	160 x 120	256 x 192
Pixel Size	17μm	12μm
Focal Length	3.2mm	3.5mm
IFOV	5.31mrad	3.43mrad
Weight	Approx. 396g (include battery)	Approx. 394g (include battery)
Detector Type	Vanadium oxide (VOx) microbolometer	
IR Response Wave Band	8 ~ 14μm	
Image Frame Rate	25Hz	
NETD	≤ 40 mK (@25 °C, F#1.0)	
Focal Adjustment Mode	Fixed focal	
Field Angle	50° x 37.2°	
Temperature Measured Range	- 20°C ~ 550°C	
Temperature Accuracy	± 2°C or ± 2 % of the reading and take larger value	
Temperature Resolution	0.1°C	
Temperature Measurement Mode	Industrial temperature measurement	
Temperature Unit	°C / °F / K	
Temperature Display	Center point / Max. Temperature / Minimum temperature	
Image Mode	IR / Visible / Fusion / Picture in picture	
Image/Video Format	JPEG / MP4	
Photo/Video	Support	
Language	Supports 10 Languages	

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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.

ETCR METER[®]

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

Storage Memory	16G
Data Port	Type-C
Charge Time	≤ 4h
Device Power	≤ 1.6W
Working Time	≥ 6h
Device Dimension	231mm x 79mm x 85mm
Working Temperature	- 10 ~ 50℃
Working Humidity	10 % ~ 90 % RH Non-condensing
Storage Temperature	- 20 ~ 60℃
IP Level	IP54
Certifications	CE, FCC, ROHS
Accessories	Device*1PC Charger line*1PC Strap*1PC

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