



DESCRIPTION

Monocular thermal goggle is an uncooled 3rd generation goggle with light weight and small size that can be installed on infantry soldier helmet for walking and patrolling at night. This system can also be mounted on light individual served weapons for targeting at night.

FEATURES

- With micromonitor and eyepiece
- Light weight and low volume
- Capable of being installed on infantry soldier helmet for walking and patrolling at night
- Capable of being installed on individual served weapons
- Applicable with Li-ion rechargeable battery
- Manual and automatic brightness and gain control
- Utilizing electronic reticle



TECHNICAL FEATURES

Detector	Microbolometer	
Pixels	384 × 288	
Pixel Pitch	25µm	
Spectrum Range	8~12µm	
Micromonitor High Resolution	OLED	
NETD	<80 mK @ 25°C	
LENS	18 mm and F# =0.8	
FOV	30.0° × 22.5°	
Image Presentation		
Video Output	CCIR 625 Lines/50HZ, Analog PAL 1.0 VPP 75Ω	
Image Processing	Auto/Manual Brightness and Contrast Manual NUC Bad Pixel Correction Polarity inversion, Electronic Zoom×2	
Interface		
Remote Control	RS422 & RS232	
Power Supply		
Rechargeable batteries	9 V	
Environmental		
Operating Temperature	-30°C ~ +50°C	
Storage Temperature	-40°C ~ +60°C	
Physical Characteristics		
Size	143×60×52 mm	
Weight	440 gr	
Detection & Recognition Range		
Target	Detection	Recognition
Tank	700 m	350 m
Person	400 m	200 m