

ISRAEL SECURITY EQUIPMENT



EXPERIENCE THE DIFFERENCE
YOUR SECURITY & SAFETY PRODUCTS

TAR640 THERMAL SIGHT



ISRAEL SECURITY EQUIPMENT LTD

TAR640 THERMAL SIGHT

THE TAR640 IS A HIGH-PERFORMANCE MULTI-PURPOSE THERMAL SIGHT EQUIPPED WITH A 12MM, 640X512 (50HZ), NETD<25 MK THERMAL IMAGING DETECTOR FOR HIGH-DEFINITION IMAGING AT HIGH REFRESH RATE.

BASED ON ADVANCED IMAGE PROCESSING ALGORITHMS, THIS DEVICE SHOWS CLEAR TARGETS AND SMOOTH IMAGES. BESIDES, IT ALSO FEATURES A 64G MEMORY, DIGITAL MAGNETIC COMPASS, IMAGE CAPTURE, VIDEO TAKING, AND CONNECTION TO APPS.



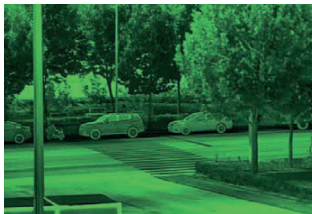
WHITE-HOT



BLACK-HOT



IRON-HOT



GREEN-HOT



RED-HOT



OUTLINE



PRODUCT HIGHLIGHTS



4-IN-1
MULTI-PURPOSE



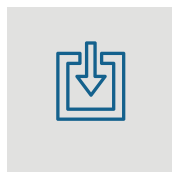
RICH IMAGE
MODES



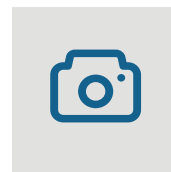
10H LONG
BATTERY LIFE



LIGHTWEIGHT,
<270G IP67
WATERPROOF



1000G
SHOCK
RESISTANCE
0.3MS



SUPPORT
APP UPDATE FOR
IMAGE CAPTURE
AND VIDEO
TAKING

SPECIFICATIONS

ITEM	NAME	J-YM 2.0
THERMAL	PIXEL PITCH	12 MM
	RESOLUTION	640 X 512
	FRAME RATE	50 HZ
	DISPLAY(OLED)	1024 X 768
OPTICAL	FOCAL LENGTH F1.0	26.7 MM
	FOV	16.3° x 12.3°
	Optical Magnification	1 X
	DIOPTER ADJUSTMENT	-5°~+2°
	EYE RELIEF	> 20MM
DISPLAY MODE	WHITE-HOT, BLACK-HOT, IRON-HOT, GREEN-HOT, RED-HOT, OUTLINE	
FUNCTIONAL PARAMETERS	DIGITAL ZOOM	1 - 6 X
	ELECTRONIC COMPASS	AZIMUTH, PITCH, ROLL
	WI-FI	SUPPORT
	VIDEO/IMAGE CAPTURE	SUPPORT
POWER PARAMETERS	BATTERY	1 x 18650 (3.7V)
	MAX. BATTERY CAPACITY(W/O WI-FI)	> 10H
Identification DISTANCE	Identification Distance(human)	630M
	DETECTION DISTANCE(HUMAN)	1800M
WEIGHT & VOLUME	WEIGHT(WV/O BATTERY)	≤300g
	VOLUME(MM)	113x70x48MM
USE METHOD	handheld, head-mounted, rifle scope, clip-on	
ENVIRONMENTAL REQUIREMENTS	ENCAPSULATION	IP67
	OPERATION TEMPERATURE	-20°C - 50°C
EXTERNAL INTERFACE	TYPE-C	POWER SUPPLY, SERIAL PORT, ANALOG VIDEO OUTPUT
NECESSARY ACCESSORIES	CABLES(USB20&BNC)HELMET SUPPORT, WELL-MATCHED SUPPORTCARRYING BAGUSER MANUALCLEANING CLOTH	

OPERATING DISTANCE

