



# QEYE F27 FUSION WEAPON SIGHT



## QEYE F27 FUSION WEAPON SIGHT

### General Features

Qeye F27 is a weapon sight with digital fusion feature developed by Transvaro, which detects advanced VNIR and LW bands and offers detection and diagnosis in these bands.

The Qeye F27 is a fully Military Standards compliant surveillance device specifically designed for short and medium range surveillance and targeting.

The Qeye F27 combines the latest Low Light VNIR CMOS Sensor and uncooled Thermal Imaging in one lightweight, compact structure.

It has the latest micro bolometer technology; 12µm uncooled thermal sensor, making it one of the lightest products of its kind.



FOV: 16.3° ± 0.5°

<880g

-32°C to + 5°C

8 hours

MIL-STD 810G

2X 2X Optical Magnification

### Technical Specifications

FOV	16.3° ± 0.5°
Optical Magnification	2X
Detection Range (Human)	1050m (1.8mx0.5m)
Detection Range (Vehicle)	2500m (2.3mx2.3m)
Display modes	VNIR/IR/Fusion
<b>Thermal Camera (LWIR)</b>	
FPA type	Uncooled
FPA spectral band	8-14µm
FPA resolution	640x512, 12µm
Frame rate	25 Hz
Digital magnification	2X, 4X
Polarity	Hot Black / Hot White / Color Palettes
<b>Day/Night Channel (VNIR)</b>	
Sensor type	VNIR low light CMOS
Sensor size	1"
Sensitivity	<0.0001Lux

### Environmental Specifications

Video/Image record and play	Yes
Media	32/64 /128GB SD card options
Screen Resolution	1280x1024
Battery	2x18650
Operation time	8 hours
Operation temperature	-32°C +65°C(can be extended to +70°C)
Weight	<880g
Interface	STANAG 4694 or hand-held
Immersion	30 minutes in 1m water