



QEYE-B21 FUSION BINOCULAR



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General Features

Qeye B21 is a Hand-Held binocular with digital fusion feature developed by Transvaro, which detects advanced VNIR and LW bands and offers detection and diagnosis in these bands.

The Qeye B21 is a fully Military Standards compliant surveillance device specifically designed for short and medium range surveillance and targeting.

The Qeye B21 combines the latest Low Light VNIR CMOS Sensor and uncooled Thermal Imaging in one lightweight, compact structure.

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



FOV: 20.5° ± 0.5°



2.5kg



-32°C to +55°C



4,5 hours



IP67



2X Optical Magnification



Detection Range

1200m



Detection Range

2500m

Technical Specifications

FOV	20.5° ± 0.5°
Optical magnification	2X
Media	32/64 GB SD card
Image	>2000 pcs
Video	>120 min
Resolution	800x600
Display modes	VNIR/IR/Fusion
Thermal Camera (LWIR)	
FPA type	Uncooled
FPA spectral band	8-14 μ m
FPA resolution	640x480, 12 μ m
Frame rate	25 Hz
Digital magnification	2X, 4X
Polarity	Hot Black / Hot White / Color Palettes
Day/Night Channel (VNIR)	
Sensor type	VNIR low light CMOS
Sensor size	1/3"
Sensitivity	<0.1Lux
Enviromental Specifications	
Operation temperature	-32°C +55°C
Immersion	30min at 1m water (MIL-STD 810G)
Battery	2x18650
Operation time	4,5 hours (Fusion mode)
Weight	< 2,5 kg