



# QEYE 007®-B18X FUSION BINOCULAR



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### General Features

Qeye 007®-B18 Series Fusion Binocular is a Fusion Binocular designed for surveillance and reconnaissance at short and mid-range distances.

It combines light amplification like night vision goggles and heat detection features such as thermal cameras. Suitable for day and night use.

In order to give the best view to the user, it allows only night vision, only thermal camera or a mixture of the two to be adjusted.

In this way, it increases the awareness of the environment. Thermal and fusion imaging can be used in one channel or optionally in both channels.





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Technical Specifications		
Optical Magnification	1X ± 0.05	Thermal and Night Vision
Digital Magnification	2X / 4X	Thermal Only
View Angle	40±2° circular	Night Vision
	24 ° horizontal, 19 ° vertical	Thermal
Focus Range	25 cm to infinity	Night Vision
	3 m to infinity	Thermal
Focus Adjustment	Manual	Night Vision
	Fixed focus	Thermal
Functional Features		
Gain Adjustment	Automatic and Manual	Thermal and Night Vision
Extreme Light Protection	Available	Night Vision
Battery Low Warning	Available	When it drops below 25%
Auto Shut-Off	Available	When put into stand-by position
IR Illumination	Available	For close ranges
Polarity Options	Black Hot / White Hot / Color palette	Thermal
Thermal Camera Detector	640x480 pixel ve 12 micron	Thermal
Image Intensifier Tube	18mm, Gen 2+ veya Gen 3	Night Vision
Display Screen	Colored OLED	Thermal
Displaying Modes		
Qeye 007®-B18L	Left Eye	Thermal and Fusion
Qeye 007®-B18R	Right Eye	Thermal and Fusion
Qeye 007®-B18X	Both Eyes	Thermal and Fusion
All Models	Both Eyes	Night Vision
Environmental, Power & Physical Features		
Battery Type	AA, CR123, 18650 lithium battery options	
Battery Compartment	Split Unit	Can Be Attached to Helmet
Battery Life (With 2 x AA Lithium Batteries)	> 48 hours	Night Vision
	> 7 hours	Thermal Imaging
	> 6 hours	Fusion
Weight	675 g	Glasses
Helmet Mounting Adaptor Features		
Forward-Backward Adjustment Distance	2.7 cm	
Height Control	2.2 cm	
Height Adjustment	±5°	
Parking Position	Yes	
Weight	135 g	