

# EXELON

## NIGHT VISION SCOPE



## NV EXELON 3x50

The EXELON 3x50 is a device with a perfect optical design. Combination of a CF-Super tube and a high-aperture 50mm R-Contact objective lens provides a distortion free, crisp and geometrically precise image on the entire surface of the screen. A special shape of the photo cathode of the tube ensures high and even resolution. The CF-Super light amplification ratio of 1200 essentially exceeds a similar value of the gen. 1 tube. So, the EXELON 3x50 has a great viewing range and high degree of detailed recognition of objects under observation. Wide field of view describes the EXELON 3x50 as a monocular ideal for observation of objects in motion. Along

with having fine ergonomics, the EXELON 3x50 is portable to be easily transported and suits perfectly for use in field conditions (hunting, fishing, and hiking), for nature preservation purposes. Coupled with various accessories (IR flashlight, photo and video adapters), the EXELON 3x50 is not just an observation device but also an excellent device for image recording.

- **HIGH APERTURE RATIO**
- **R-CONTACT OPTICAL ARRANGEMENT**
- **ENHANCED RESOLUTION, COMPARABLE TO GEN. 2+**
- **«FLAT» IMAGE**
- **LARGE VIEWING RANGE**
- **FINE ERGONOMICS**
- **PHOTO - AND VIDEO ADAPTABLE**

### EXELON 3x50

SPECIFICATIONS	Model	24101
	Tube type	CF-Super
	Image Tube Gain, times	≥ 1200
	Magnification	3
	Lens diameter, mm	50
	Field of View, °	13
	Focus Range, m	1 ~ ∞
	Range of Detection / Recognition, m	500 / 230 ~ 270
	Diopter adjustment, dptr.	± 5
	Resolution, lines per mm, : field of view - center	≈ 42
	Resolution, lines per mm : field of view - edge	≈ 32
	Power Supply	CR123A (3V)
	Tripod Mount, inch	1/4 (2 sockets)
	IP Standard	IPX4
	Dimensions, mm	191x87x60
	Weight, kg	≈ 0.5