



LN-QD-B50

TECHNICAL SPECIFICATIONS

MODEL NUMBER	LN-QD-B50
RANGEFINDER SPECIFICATIONS	
Distance Measurement	10m to 1000m
Distance Measurement Accuracy	Less than 400m $\pm 1\text{m}$; Greater than 400m $\pm 0.4\%$ m
Laser Type	905nm (Class1 Eye Safe)
NIGHT VISION SPECIFICATIONS	
Detection Range (1/4 Moon, IR On)	0.8 to 800m (Building)
Detection Range (Full Moon)	0.8 to 1200m (Building)
Detection Range (Daytime)	0.8m... ∞ (Infinite Distance)
IR Effective Distance	0.8 to 800m (Building)
Infrared (IR) Light	850nm, 3 Brightness Levels
Sensor	CMOS, up to 120fps
MEDIA SPECIFICATIONS	
Display Resolution	OLED: 768(V) x 1024(H)
Display Color Modes	Natural/Black & White/Green/Amber/White Phosphor
Video Resolution	Up to QHD (2K) 2560 x 1440
Video Output	HDMI 1080P
Photo Resolution	16.12MP Mega Pixels (5360 x 3008)
Image Stabilizer	Electronic Image Stabilization Technology
Electronic Compass	Yes
IR/Color Filter	Built-In, Automatic
Wi-Fi	Android, iOS
OPTICAL SPECIFICATIONS	
Magnification	6x to 36x
Objective Diameter	50mm / F1.0
Field of View	10°
Interpupillary Distance	Adjustable, 60mm to 71mm
Diopter Adjustment	± 5
PHYSICAL SPECIFICATIONS	
Memory Card Capacity	Up to 512GB (FAT32)
Button Sound	Silent
Battery Type	CR123A Battery (4 pieces)
Battery Life (IR Off, 20° C)	Up to 4.5 Hours
DC Input	USB-C; 5V/2A
Tripod Interface	1 Piece (1/4" Standard)
Operating Temperature	-30° to +50° C (-22° F to 122° F)
Dimensions (L x W x H)	190mm x 126mm x 70mm
Weight (Without Battery)	800g