

## ACCOLADE 2 LRF XP50 PRO

### Thermal imaging binoculars

ACCOLADE 2 LRF XP50 PRO thermal imaging binoculars from PULSAR for hunting, forestry, pest control, life rescue and other outdoor activities. The unit is based on a new 25mK NETD sensor with 640x480 pixel resolution 17µm pixel pitch. ACCOLADE 2 LRF XP50 PRO possesses built-in video recorder, laser rangefinder, Wi-Fi module and long-life quick-change battery pack Pulsar IPS7. Laser rangefinder can measure distances up to 1000 m in two modes – single time measurement and scanning.



### Features

- Highly sensitive thermal sensor 25 mK NETD
- Built-in precise laser rangefinder
- High definition image
- Comfortable for long observation
- Long detection range up to 1800 m (2000 yd)
- Image Boost technology
- Full-Color, AMOLED Display
- Built-in photo and video recorder
- Wi-Fi. Integration with IOS and Android devices
- Variable digital zoom
- Picture-in-Picture
- 8 Color pallets
- Quick-change rechargeable batteries
- IPX7 Waterproof Rated



### Technical specifications

ACCOLADE LRF XP50 PRO	
SKU	77461
Type of microbolometer	Uncooled
Frame rate, Hz	50
Sensor resolution, pixels	640x480
Pixel pitch, µm	17
NETD, mK	<25
Display type	AMOLED
Display resolution, pixels	640x480
Magnification, x	2,5 - 20
Digital zoom, x	2/4/8
Lens focus, mm	50
Relative aperture, D/f'	1:1.2

Field of View,°	12.4
Minimum focusing distance, m	3
Eye relief, mm	16
Exit pupil, mm	5
Diopter adjustment, dptr.	+/-5
Interpupillary distance, mm	56-71
Detection range, m (object H/W = 1,7/0,5m)	1800
Built-in video recorder	yes
Built-in memory size, Gb	16
Built-in Wi-Fi module	yes
Stream Vision application support	yes
Micro USB socket	Power/data
Laser rangefinder	yes
Laser wavelength, nm	905
Rangefinder measurement distance, m	1000
Measurement accuracy, m	+/-1
Color palettes	8
Power supply, V	3.0-4.2
Battery type	Pulsar B-Pack(Li-ion)
Battery life, hour	7
External power supply	5V MicroUSB
Tripod mount, inch	1/4
Operating temperature, °C	- 25 ... +50
Waterproof	IPX7
Calibration (non-uniformity correction)	manual, auto, semi-auto
Length, mm	164
Width, mm	130
Height, mm	64
Weight (without batteries), kg	0,7

