



DIGITAL NIGHT VISION RIFLESCOPE

# DIGISIGHT N850 LRF

PL76331



- Built-in laser range finder, range up to 400m
- Weapon tilt and elevation indicators
- True distance measuring
- One-shot zeroing with freeze function
- 2x digital zoom with continuous zoom
- Built-in laser IR illuminator w/ three-step power adjustment
- Wide range of operating temperature

# TECHNICAL SPECIFICATIONS

## Riflescope Digisight LRF N850

|                                                                                    |                                             |
|------------------------------------------------------------------------------------|---------------------------------------------|
| Camera resolution, pixels (EIA)                                                    | 500x582                                     |
| Display type                                                                       | OLED                                        |
| Display Resolution, pix                                                            | VGA 640x480                                 |
| Display diagonal, inch                                                             | 0.31                                        |
| Built-In video recorder availability                                               | no                                          |
| Video IN/OUT availability                                                          | no / yes                                    |
| Pin type of video input/output                                                     | RCA                                         |
| Magnification                                                                      | 4.5 (optical) / 9 (zoom)                    |
| Lens diameter, mm                                                                  | 50                                          |
| Field of view,*, horizontal                                                        | 5 (on 4.5x) / 2.4 (on 9x)                   |
| Field of view, m@100m                                                              | 8.7 / 4.2                                   |
| Minimum focusing distance                                                          | 5.5                                         |
| Eye relief, mm                                                                     | 67                                          |
| Exit pupil, mm                                                                     | 6                                           |
| Diopter adjustment, dptr                                                           | -4... + 4                                   |
| Focusing type of distance                                                          | internal                                    |
| Resolution, lines per mm                                                           | ≥ 55                                        |
| Emitter                                                                            | Laser                                       |
| IR Wavelength, nm                                                                  | 780                                         |
| Equivalent IR power, mW                                                            | 75 / 100 / 125                              |
| Beam divergence, degree                                                            | 9.17                                        |
| Range of detection, yd/m (object 1.7m high, illuminatin level 0.05 lux w/ 1/4moon) | 650 / 600                                   |
| Measurement range, yd/m                                                            | 450 / 400                                   |
| Accuracy of range mesurement, yd/m                                                 | +/-1                                        |
| Power supply                                                                       | 4 ÷ 6.3                                     |
| Battery Type                                                                       | 4xAA                                        |
| Battery life(w/out IR), hour                                                       | 4                                           |
| Battery life(w/IR), hour                                                           | 2.5 - 3.5                                   |
| External power supply                                                              | DC 9 ÷ 15V / 3W                             |
| Windage & elevation, 1 click (H/V), mm @100m                                       | 13 /13                                      |
| Reticle color                                                                      | Black w/ switchable red/green center        |
| Number of preloaded reticles                                                       | 13                                          |
| Reticle type                                                                       | Black/white w/ switcheable red/green center |
| Lens material                                                                      | Glass                                       |



### INCLUDED ACCESSORIES

- Riflescope digisight LRF N850
- Wireless remote control
- Mount
- 3 Screws
- Hex-nut Wrench
- Carrying case
- User Manual
- Cleaning cloth

# TECHNICAL SPECIFICATIONS

## Riflescope Digisight LRF N850

|                                                               |                            |
|---------------------------------------------------------------|----------------------------|
| <b>Body Material</b>                                          | Glass-nylon composite      |
| <b>Type of mount for attachment of additional accessories</b> | weaver                     |
| <b>Operating temp, *C/*F</b>                                  | -25... + 50 / -13 ... +122 |
| <b>Level of protection (acc. to IEC 60529)</b>                | IP44 ( water resistant )   |
| <b>Nitrogen purged, yes/no</b>                                | no                         |
| <b>Waterproof, yes/no</b>                                     | no                         |
| <b>Remote control</b>                                         | Wireless                   |
| <b>Shockresistance on rifled weapon</b>                       | 6000                       |
| <b>Mounting brackets on weapon</b>                            | weaver                     |
| <b>Length, mm</b>                                             | 340                        |
| <b>Width, mm</b>                                              | 112                        |
| <b>Height, mm</b>                                             | 94                         |
| <b>Weight (W/out batteries), oz</b>                           | 38.8                       |