

## DIGEX C50

### Digital day and night riflescope

DIGEX C50 digital day and night riflescope for professional hunting, pest control, and forestry. Full HD CMOS sensor with high nighttime sensitivity offers excellent image quality 24/7: full color natural looking image during the day, color image in the twilight without auxiliary infrared illuminator and bright monochrome image in the night. HD AMOLED screen ensures correct color rendering and excellent image detail. Combined battery system consisting of internal and external battery offers up to 10 hours of non-stop work. Advanced set of ballistic adjustments provides all necessary features for precise aiming and shooting.



### Features

- 24/7 use
- Full-Colour imaging from sunset till dusk in the Colour Twilight mode
- Over 500 m night detection range
- Authentic daytime colours
- Up to 10 hours of battery life on a single charge
- Classic design. Mounting on standard 30 mm rings
- Wide-angle eyepiece
- Variable magnification 3.5x to 14x
- Photo and video recording
- High-precision aiming with "Picture-in-picture" mode
- High caliber recoil up to: .375H&H, 12 gauge and 9.3x64
- 5 individual shooting profiles / 50 zeroing distances
- Remote firmware update
- Stream Vision 2. Wi-Fi integration with iOS and Android devices
- Operating temperatures from -25 to +50 °C
- Fully waterproof IPX7



- Download files
- See real-time video
- Control settings
- Update firmware
- Store media in cloud
- Get the latest news



## DIGEX C50 Technical specifications

| PULSAR Digex C50                              |  |
|---|--|
| Model # (SKU)                                 | 76635  |
| Sensor type                                   | Full HD CMOS   |
| Sensor resolution, pix.                       | 1928x1088  |
| Display type                                  | AMOLED   |
| Display resolution, pix.                      | 1024x768   |
| Daytime image                                 | Full-color   |
| Twilight image                                | Color  |
| Night image                                   | Monochrome   |
| Built-In video recorder availability          | yes  |
| Built-In memory, GB                           | 16   |
| Format and resolution videos                  | mp4/1024x768   |
| Format and resolution of photos               | jpeg/1024x768  |
| USB, type                                     | USB Type-C   |
| Bluetooth                                     | Bluetooth 4.2  |
| Wi-Fi   | 802.11 b/g/n   |
| Magnification, x                              | 3.5 - 14   |
| Lens diameter, mm                             | 36   |
| Relative aperture, D/f                        | 1:1.4  |
| Field of view, °, horizontal                  | 6.7  |
| Field of view, m/100m                         | 11.7   |
| Eye relief, mm                                | 50   |
| Diopter adjustment, dptr.                     | - 3 / + 5  |
| Range of detection, m (object 1,7m high)      | 500 (Pulsar Digex - 940S IR Illuminator)<br>550 (Pulsar Digex - 850S IR Illuminator)                   |
| Power supply                                  | 3.0 ÷ 4.2  |
| Battery type                                  | Dual Li-Ion B-Pack Mini Power System: 2 A·h Changeable Battery (external) / 4.9 A·h Battery (internal) |
| Battery life, h                               | 10   |
| External power supply                         | USB Type-C (Power Delivery Support)  |
| Click value (Windage/Elevation), mm/100m      | 11   |
| Adjustment range (Windage/Elevation), mm/100m | 2200 (± 100 clicks)  |
| Number of reticles in memory                  | 10   |
| Reticle color                                 | Black & Red, Black & Green, White & Red, White & Green, Green, Red, Blue, Orange                       |
| Lens material                                 | Night vision grade glass   |
| Body material                                 | metal  |
| Stare-up time, sec                            | 3  |
| Operating temperatures, °C                    | -25 ÷ +50  |
| Level of protection (acc. to IEC 60529)       | IPX7 (waterproof)  |
| Remote control                                | Pulsar RCC supported, optional   |
| Shock resistance on rifled weapon, J          | 6000   |
| Mounting brackets on weapon                   | Standard 30 mm rings   |
| Length, mm                                    | 408  |
| Width, mm                                     | 78   |
| Height, mm                                    | 83   |