

# Main

|                               |                    |
|-------------------------------|--------------------|
| Sensor                        | CMOS 1928x1088     |
| Magnification, x              | 3.5 – 14 (x4 zoom) |
| IR Illuminator wavelength, nm | 850                |
| IR Optical power, mW          | up to 800          |
| Detection range, m            | 550                |

# Sensor

|                    |           |
|--------------------|-----------|
| Type               | FHD CMOS  |
| Resolution, pixels | 1928x1088 |

# Optics

|                                          |                  |
|------------------------------------------|------------------|
| Objective lens                           | F50/1.4          |
| Magnification, x                         | 3.5 – 14         |
| Field of view (HxV), degrees / m @ 100 m | 6.7x5 / 11.7x8.8 |
| Eye relief, mm                           | 50               |

# Display

|                    |          |
|--------------------|----------|
| Type               | AMOLED   |
| Resolution, pixels | 1024x768 |

# Infrared Illuminator

|         |                                    |
|---------|------------------------------------|
| Model   | Digex-X850S IR Illuminator (79079) |
| Emitter | LED                                |

|                             |                  |
|-----------------------------|------------------|
| IR wavelength, nm           | 850 (long-range) |
| IR Optical power, mW        | 800              |
| IR spot position adjustment | yes              |

## Range Performance

|                    |                         |
|--------------------|-------------------------|
| Detection range, m | 550 (IR illuminator ON) |
|--------------------|-------------------------|

## Laser Rangefinder

|                                                                |   |
|----------------------------------------------------------------|---|
| Safety class for laser equipment according to IEC 60825-1:2014 | - |
| Wavelength, nm                                                 | - |
| Max. measuring range, m                                        | - |
| Measurement accuracy, m                                        | - |

## Reticle

|                               |             |
|-------------------------------|-------------|
| Click value, H/V, mm at 100 m | 11 / 11     |
| Click range, H/V, mm at 100 m | 2200 / 2200 |
| Number of preloaded reticles  | 10          |

## Video Recorder

|                                 |             |
|---------------------------------|-------------|
| Video / photo resolution, pixel | 1024x768    |
| Video / photo format            | .mp4 / .jpg |
| Built-in memory, GB             | 16          |

## Wi-Fi

|                   |       |
|-------------------|-------|
| Wireless Protocol | Wi-Fi |
|-------------------|-------|

|                   |              |
|-------------------|--------------|
| Wireless Standard | 802,11 b/g/n |
| Frequency, GHz    | 2.4 GHz      |

# Bluetooth

|                   |               |
|-------------------|---------------|
| Wireless Protocol | BLE 4.2       |
| Wireless Standard | IEEE 802.15.1 |
| Frequency, GHz    | 2.4           |

# Environmental Characteristics

|                                          |           |
|------------------------------------------|-----------|
| Degree of protection, IP code (IEC60529) | IPX7      |
| Operating temperature range, °C          | -25 – +50 |

# Connections and Compatibilities

|                                                     |                      |
|-----------------------------------------------------|----------------------|
| Max. recoil power on rifled weapon (Eo), Joules     | 6000                 |
| Shock resistance on the smooth-bore rifles, caliber | 12                   |
| Mounting brackets on weapon                         | Standard 30 mm rings |
| Remote control                                      | Pulsar BT (optional) |
| Supported Application                               | Stream Vision 2      |

# Power Supply

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Output voltage, V | 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) |

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| Capacity, mAh                                   | 2000 (external) + 4900 (internal) |
| Operating time on battery pack (at t=22°C), h * | 10                                |
| External power supply, V                        | 5 (USB Type C)                    |

## Weight & Size

|                |                |
|----------------|----------------|
| Body material  | Aluminum alloy |
| Dimensions, mm | 408x78x83      |
| Weight, kg     | 1.345          |

## Trade Data

|               |        |
|---------------|--------|
| SKU (Model #) | 76635L |
|---------------|--------|