



# LEICA CALONOX

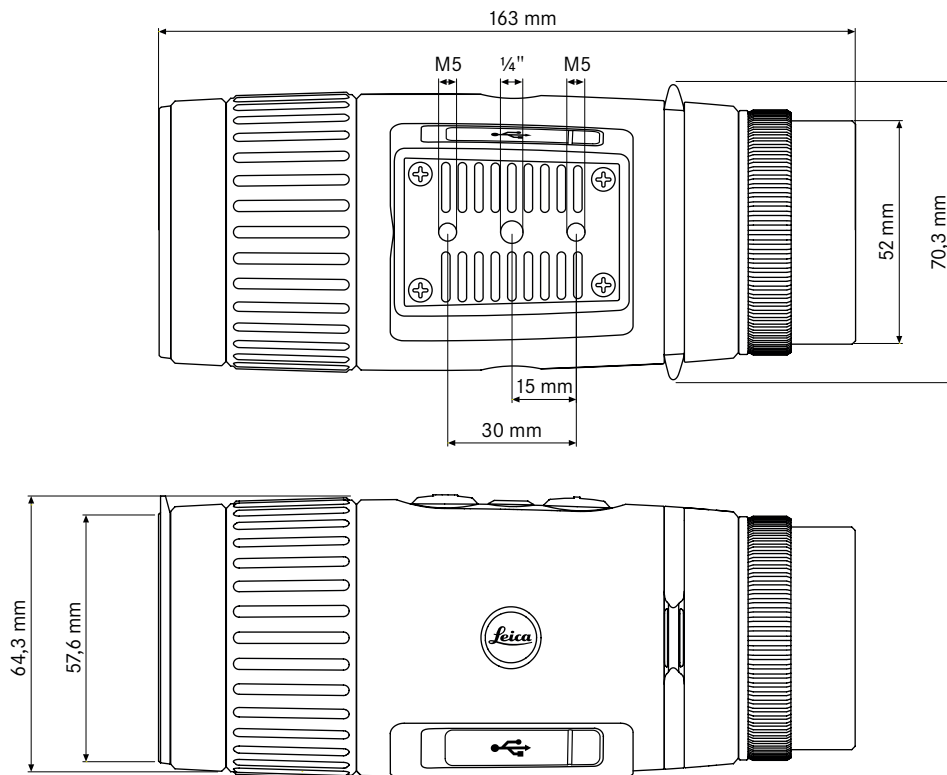
Technical Data.



| Designation                                                   | Leica Calonox Sight                                                                                                          | Leica Calonox View                                                                                           |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Device type                                                   | Thermal imaging device                                                                                                       | Thermal imaging device                                                                                       |
| Type No.                                                      | 1 790                                                                                                                        | 1 970                                                                                                        |
| Order No.                                                     | 50500                                                                                                                        | 50502                                                                                                        |
| Scope of delivery                                             | Calonox Sight, cordura case, charging cable, carry strap, quick start guide, lens cleaning cloth, rubber eyecup, certificate | Calonox View, cordura case, charging cable, carry strap, quick start guide, lens cleaning cloth, certificate |
| Sensor type                                                   | VOx                                                                                                                          | VOx                                                                                                          |
| Sensor size                                                   | 384 x 288 pixels                                                                                                             | 640 x 512 pixels                                                                                             |
| Pixel size                                                    | 17 µm                                                                                                                        | 12 µm                                                                                                        |
| Screen type                                                   | OLED                                                                                                                         | LCOS                                                                                                         |
| Screen diagonal                                               | 0.39"                                                                                                                        | 0.4"                                                                                                         |
| Screen resolution                                             | 1024 x 768 pixels                                                                                                            | 1280 x 960 pixels                                                                                            |
| Image repetition frequency                                    | 50 Hz                                                                                                                        | 50 Hz                                                                                                        |
| Lens focal length                                             | 42 mm                                                                                                                        | 42 mm                                                                                                        |
| Optical basic magnification                                   | 1x                                                                                                                           | 2.5x                                                                                                         |
| Digital Zoom                                                  | -                                                                                                                            | 1x/2x/3x/4x                                                                                                  |
| Field of view                                                 | 8.9 x 6.7° (15.5 m x 11.7 m/100 m)                                                                                           | 10.5 x 8.4° (18.3 m x 14.6 m/100 m)                                                                          |
| Diopter adjustment                                            | -                                                                                                                            | ±5 dpt                                                                                                       |
| Range/Resolution (calculated for image subject 1.7 m x 0.5 m) |                                                                                                                              |                                                                                                              |
| Acquisition range/Resolution                                  | 2000 m/2 pixels                                                                                                              | 3000 m/2 pixels                                                                                              |
| Detection range/Resolution                                    | 700 m/6 pixels                                                                                                               | 1000 m/6 pixels                                                                                              |
| Identification range/Resolution                               | 350 m/12 pixels                                                                                                              | 500 m/12 pixels                                                                                              |
| Adjustment reticle correction                                 | 1.2 cm/50 m, 2.4 cm/100 m                                                                                                    | -                                                                                                            |
| Video output                                                  | PAL                                                                                                                          | PAL                                                                                                          |
| Video recording                                               | -                                                                                                                            | yes                                                                                                          |
| Video/Picture resolution                                      | -                                                                                                                            | 768 x 576 pixels                                                                                             |
| Cable socket                                                  | USB-C                                                                                                                        | USB-C                                                                                                        |
| Wireless connection                                           | Bluetooth®                                                                                                                   | Wi-Fi (2.4 GHz)                                                                                              |
| Internal memory                                               | -                                                                                                                            | 16 GB                                                                                                        |
| Protection type                                               | IPX4                                                                                                                         | IPX4                                                                                                         |
| Operating temperature                                         | -20 to +50 °C                                                                                                                | -10 to +50 °C                                                                                                |
| Operating temperature (charge battery)                        | +10 to +30 °C                                                                                                                | +10 to +30 °C                                                                                                |
| Battery life                                                  | approx. 8 - 11 h                                                                                                             | approx. 4 - 5 h                                                                                              |
| Accessory thread                                              | M52 x 0.75                                                                                                                   | -                                                                                                            |
| Tripod thread                                                 | A ¼ DIN 4503 (¼"), M5 standard thread                                                                                        | A ¼ DIN 4503 (¼"), M5 standard thread                                                                        |
| Material                                                      | Plastic with rubber armoring                                                                                                 | Plastic with rubber armoring                                                                                 |
| Dimensions (WxH)                                              | 165 x 65 mm                                                                                                                  | 170 x 65 mm                                                                                                  |
| Weight (with battery)                                         | 685 g                                                                                                                        | 685 g                                                                                                        |



## LEICA CALONOX SIGHT



## LEICA CALONOX VIEW

