

| EN Model                               | iM 35+                      |
|--|-----------------------------|
| Optical magnification                  | 1x                          |
| Effective objective lens diameter      | 35 mm                       |
| Exit pupil distance                    | 21 mm                       |
| Field of view (m/100 m/ft/100 yds)     | 21.6x17.4 m/64.8x52.2 ft    |
| Field of view (degrees)                | 12,3x10°                    |
| Field of view for eyeglass wearers (%) | 100%                        |
| Field of view, apparent (degrees)      | 25x20°                      |
| Refresh rate                           | 60 Hz                       |
| Screen type                            | AMOLED                      |
| Screen resolution                      | 2560x2048 Pixel             |
| Eyepiece optical coatings              | SWARODUR, SWAROTOP          |
| Objective lens optical coatings        | Diamond-like carbon (DLC)   |
| Sensor type                            | Uncooled VOx microbolometer |
| Sensor resolution                      | 640x512 Pixel               |
| Pixel size                             | 12 µm                       |
| Thermal resolution - NETD              | ≤ 30 mK                     |
| Objective lens focal length            | 35 mm                       |
| Objective lens                         | 35 mm/f1.0                  |
| Functional temperature                 | -20/+50 °C<br>-4/+122 °F    |
| Storage temperature                    | -30/+70 °C<br>-22/+158 °F   |
| IP protection class                    | IP68                        |
| Approx. length*                        | 170 mm/6.7 in               |
| Approx. width                          | 54 mm/2.1 in                |
| Approx. height                         | 80 mm/3.1 in                |
| Approx. weight including battery       | 495 g/18.0 oz               |
| Connection thread                      | M44x0.75 mm                 |
| Rechargeable battery                   | Li-Ion 3000 mAh             |
| Battery life                           | 6.5 h                       |
| Start up time                          | 3 s                         |

\* Value with eyecups twisted in