telliades

next-gen IR viewers

te lintelo systems bv
photonics. our passion!
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The next generation of **LASER VIEWER**

INFRARED BEAM IMAGING

A compact, connected and ergonomic viewer that makes invisible infrared laser beams visible — with image quality, on-board digital processing and safety far beyond traditional viewers.



- **High-Definition image quality**
  Sharp, high-contrast imaging well above market viewers
- **Collaborative & remote work**
  Dedicated Wi-Fi screen mirroring to phone or laptop
- **7h of autonomy**
  High-capacity battery, swapped in 3 seconds
- **Laser-safety by design**
  Used with protective goggles; remote viewing of the beam



Make invisible IR beams visible — align, record & share in real time

410–1100 nm
DETECTION RANGE

< µW cw
DETECTION THRESHOLD

950 g
HANDHELD WEIGHT

Advanced capabilities

Unlike analog photomultiplier viewers, the Telliades viewer embeds real electronics and digital image processing — turning beam alignment into a precise, recordable and shareable operation.

Digital processing

- Reticle to target a specific area
- Digital zoom
- Laser-beam highlighting
- On-demand image recording
- On-board image library (JPG export)
- Beam-aiming / pointing analysis

Imaging & handling

- Programmable gain & acquisition time
- Fit for pulsed and continuous beams
- Interchangeable 16 / 25 / 35 mm lenses
- Ergonomic, 100% hands-free handle
- Optional 3-axis magnetic mount
- Custom engraving (room / user ID)



High-definition infrared beam capture



Compact viewer on hot-swap battery grip

Fields of application

Laser labs Research & TP	**Laser makers** Integration & QC	**After-sales** On-site service	**Industry** IR sources

Specifications

CONFIGURATION	SIZE (L×W×H)	WEIGHT	KEY DATA
Viewer	248 × 128 × 140 mm	950 g	Range 410–1100 nm · threshold <µW CW / nJ pulsed
Magnetic mount + joint	156 × 85 × 209 mm	1.3 kg	7 h autonomy · 3 s battery swap · Wi-Fi mirroring

Magnetic mount: hands-free operation, stable imaging, long acquisition time (hours).

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