RedSpy is een nieuw product van Stype. RedSpy is een hoogwaardige en goedkope optische tracker die op elke camera kan worden gebruikt, ongeacht of deze wordt gebruikt op een pedestal, dolly, kraan, steadycam of handheld.

RedSpy wordt meestal gebruikt in binnenomgevingen op evenementen zoals sportshows, presentaties, lanceringsevenementen, spelshows ... Maar het kan ook buiten worden gebruikt op evenementen zonder prestatieverlies als de reflecterende markeringen op een vloer worden geplaatst.
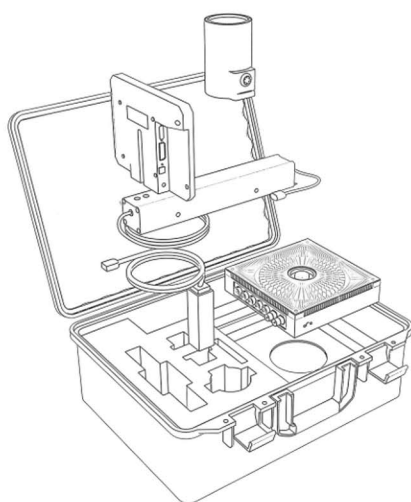


**Camera & Sensor Unit**

SIZE
6.3 cm (φ) x 10 cm (h)

WEIGHT
0.35 kg

**Controller Board Unit**

SIZE
22 cm (w) x 22 cm (l) x 4 cm (h)

WEIGHT
1.5 kg

**Package in Hard case**

SIZE
55 cm (w) x 40 cm (l) x 25 cm (h)

WEIGHT
9.3 kg

# specs

| | | |
|---|---|---|
| 🕐 | **Installation Time** | Time needed to install the markers + 6 seconds per each m2 (or each 10 ft2) of space covered for accurate measurement of markers position |
| ⊕ | **Recalibration Time** | Automatic, 20 seconds after power on |
| 📄 | **Data Delay** | 1 Field (16.7 ms for NTSC or 20 ms for PAL systems) |
| 🖥 | **User Interface** | Simple graphical touch screen user interface |
| | **Data Connection** | Serial or UDP connection. For steadicam operation data is sent wirelessly |
| 📹 | **Data Recording** | Data recording is supported for post-processing requirements |
| ⊘ | **Supported Lenses** | Canon digital (cable); Fujinon digital (cable); Other lenses supported with external encoders |
| 🖥 | **Supported Engines** | Vizrt, ZeroDensity, Unreal, Unity 3D, Disguise, Wasp3D, Xpression, Frontier, Brainstorm, Avid, Ventuz, RTSoftware, ChyronHego, and others |
| ⚙ | **Supported Systems** | Pedestals, Dollies, Steadicams, Cranes, Handheld |
| ⌞ ⌟ | **Data Resolution** | Positional resolution: <0.1mm; Angular resolution: <0.003 degrees |
| 〜 | **Drift** | System does not accumulate any drift |
| ⚙ | **Stage 1 of operation** | Accurate measurement of markers position in 3D |
| ⚙ | **Stage 2 of operation** | Tracking using 3D models of accurately measured out markers position from Stage 1 |
| ⚙ | **Other characteristics** | The system never determines a distance between pairs of markers in the captured images. |