



- Position and orientation measurement with high accuracy
- Short latency, fast data communication via Ethernet
- Flexible system with fast calibration
- Scalable system: up to 16 cameras
- Robust against magnetic, electric and acoustic interference
- No optical crosstalk between cameras
- Targets with 4 or more markers (rigid bodies) provide 6 degree of freedom tracking
- Up to 20 objects tracked in 6DOF with individual identification
- Easy calibration of custom-built targets
- Passive targets without batteries or cables
- Active wireless targets available, synchronization by modulated IR signals

The optical tracking system ARTtrack & DTrack consists of tracking cameras ARTtrack2 or ARTtrack3, targets and the PC software DTrack.

At its price level it presents excellent value as one of the most accurate and flexible systems on the market.

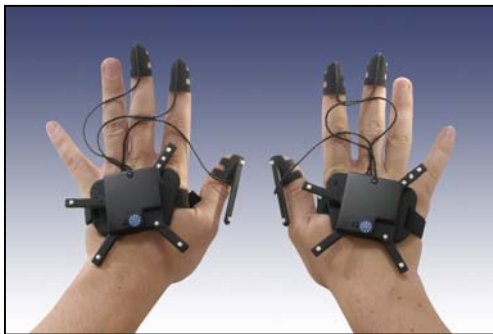
IR optical tracking systems for

- Virtual Reality/Augmented Reality
- Industrial measurement
- Medical and ergonomic applications

Flystick2

Interaction device for Virtual Reality applications

- wireless transmission (ISM band)
- 6 buttons
- analog joystick
- passive target with protected markers

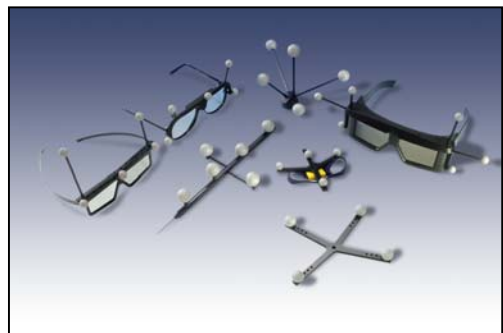


Fingertracking

- lightweight solution for assembly and ergonomic studies
- precise measurement of finger tip positions
- wireless: active target with IR synchronization
- hygienic: no glove
- tactile feedback under development

Tracking Targets

- lightweight passive targets for active and passive stereo glasses
- for head, feet, hands, knees, elbows...
- pointer for coordinate measurement
- customer specific targets:
 - medical instruments, HMDs, outdoor tracking, robot arms, ...
- customers can build own targets



Tracking camera ARTtrack3:

- tracking volume up to 300m³ with passive markers
- no fan

Tracking camera ARTtrack2

- for smaller tracking volumes
- large volumes with active targets
- special solution for CAVE® available