



Security advice:

- Please avoid touching the lenses.
- Do not use any components if looking damaged!
- Do not use any other cables than supplied with the system!
- Do not look directly into the SMARTTRACK from short distance (<10cm) for a longer period of time (>10sec)!



Included in delivery:

- ✓ 1 SMARTTRACK
- ✓ 1 RJ45 cable
- ✓ 1 power cord and power supply
- ✓ 1 ceiling suspension D2
- ✓ 1 room calibration set
- ✓ 1 DTrack2 frontend software



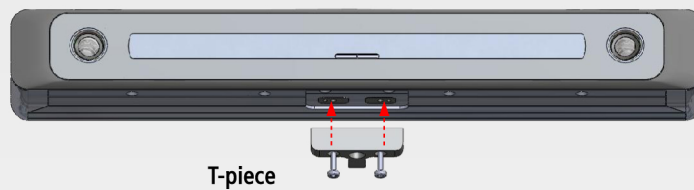
The SMARTTRACK is a fully integrated stand-alone infrared optical tracking system. As it is pre-calibrated you can start tracking targets right away. A mandatory pre-condition that has to be satisfied is that movements (i.e. vibrations for example) of the SMARTTRACK are avoided.



Installation

Please apply the T-piece to the SMARTTRACK and mount it at the desired position.

The T-piece comes with a 1/4" UNC thread for mounting on tripods for example.

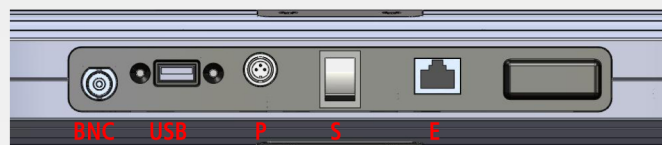


Connecting the cables

Please connect the power supply (P) and the Ethernet (E) cable.

The SMARTTRACK supports DHCP. If there's no DHCP server running it will use its standard IP address (192.168.0.1) and subnet mask (255.255.255.0).

Press the power switch (S) on the back of the SMARTTRACK and allow the SMARTTRACK to start within a minute. Some applications (e.g. active stereo) require external synchronization. Use the BNC plug as external synchronization input.



Define output and start

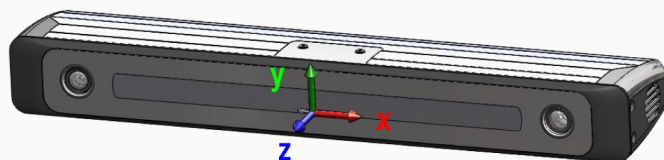
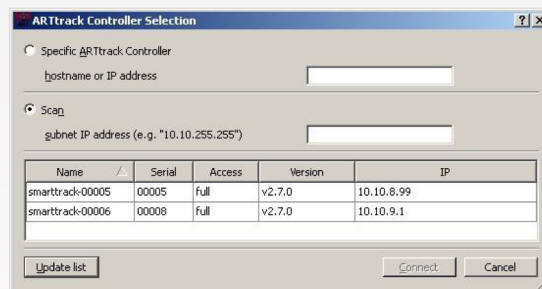
Start DTrack2 on the remote PC. You can enter an IP address or scan the network in order to find your SMARTTRACK. You can identify your SMARTTRACK by the serial number which is printed on the label.

Select the appropriate SMARTTRACK and press "Connect".

Now, select "Settings" → "Output". You can either select "this computer" (remote PC) or enter an IP address of the computer you want to send the data to.

Press "Start" to start the measurement.

NOTE: By default, the origin of the coordinate system lies centered between the two status LEDs in the front. The orientation is as shown in the model below.



Changing the orientation of the room coordinate system can be done in the dialogue "Calibration" → "Room adjustment".

Please refer to the user manual for more information on calibrating bodies or the room.