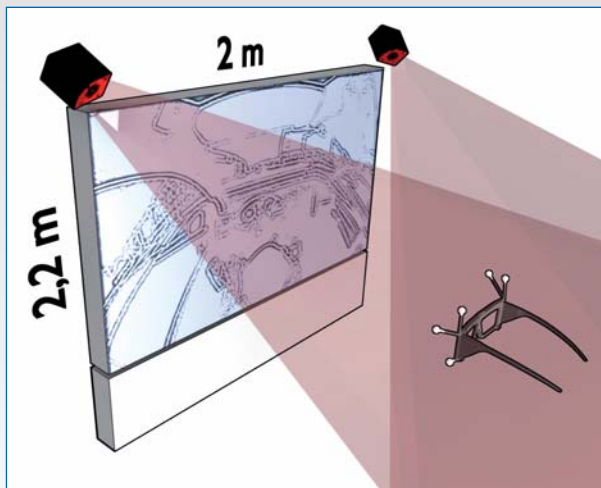


## SMALL PROJECTION

Example system:

- Screen 2.00m x 1.10m
- Screen top edge 2.00m over ground
- 2 x ARTtrack /TP  
spaced 2.00m  
height 2.20m



Example system

## YOUR SOLUTION

If you need ...

- high-quality tracking for small volumes
- for up to 4 targets
- for one user
- for a budget price

... TrackPack is your solution.

In all other cases use ARTtrack2 or ARTtrack3 and DTrack.

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Tel.: +49 881 92530 – 00  
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# TrackPack



## OVERVIEW

A complete tracking system with 2 tracking cameras

The best solution for tracking

- a persons' viewpoint and a Flystick2
- a HMD
- tools etc.

in a volume up to 2.00m \* 1.50m \* 1.50m  
with wireless passive targets

## SYSTEM PERFORMANCE

- Up to 4 passive or active targets with 6dof
- Up to 60 Hz tracking frequency
- Accuracy: like other A.R.T. systems (approx. of 1mm)
- Delay: approx. 20ms
- Precalibrated targets with automatic recalibration

## SCOPE OF DELIVERY

- 2 tracking cameras ARTtrack /TP
  - + 1 ARTtrack-Controller (ATC) /TP
  - + 1 tracking software DTrack2 (not full featured)
  - + 2 passive targets
- 
- = TrackPack



Scope of delivery

## CAMERA ARTTRACK /TP

- Built-in infrared flash (NIR, 850nm)
- Max. distance to a target with 12mm markers: 2.5m
- Focal length:  $f = 2.6\text{mm}$  or  $f = 3.5\text{mm}$
- Field of view:  $88^\circ \times 73^\circ$  or  $73^\circ \times 58^\circ$
- Noiseless, no fan
- Max. 5m cable to ATC /TP
- Power supply from ATC /TP

## IN THE FIELD

- External synchronization possible
  - for use with active stereo eyeglasses (CrystalEyes<sup>®</sup> or NuVision<sup>®</sup>)
  - for use as two cameras of a larger tracking system
- Interfacing to graphics SW: like all other A.R.T. tracking systems
  - via standard interfaces trackd<sup>®</sup>, VRPN, VRJuggler
  - direct connection (more detailed information can be found at [www.ar-tracking.com](http://www.ar-tracking.com))