

# ARTTRACK System

The ARTTRACK System is our classic optical tracking solution, developed in 1999 and regularly updated to meet current customer needs. It guarantees a high reliability especially in big tracking volumes. The ARTTRACK System is the best solution for interaction with our Fingertracking and in Motion Capture applications.



## >> SYSTEM PERFORMANCE

- . Fast and easy to calibrate
- . 6DOF measurement with high accuracy
- . No magnetic, electric and acoustic interference
- . No optical crosstalk between cameras
- . Support of wireless active and passive targets
- . Custom-built targets supported
- . External synchronization possible, e.g. shutter glasses
- . Usable with Flystick, Fingertracking and Motion Capture



**ART**   
Advanced Realtime Tracking

# OVERVIEW



## >> ARTTRACK2

### >> OUR CLASSIC

- . Max. tracking distance: 4.5 m
- . Integrated pattern recognition unit
- . Built-in infrared flash (NIR, 880 nm)
- . Modulated flash for active marker synchronization
- . Standard focal length:  $f = 3.5 \text{ mm}$
- . Standard field of view:  $73^\circ \times 58^\circ$



## >> ARTTRACK3

### >> OUR SILENT LONG RANGE CAMERA

- . Max. tracking distance: 6.0 m
- . Noiseless, no fan
- . Integrated pattern recognition unit
- . Built-in infrared flash (NIR, 850 nm)
- . Modulated flash for active marker synchronization
- . Standard focal length:  $f = 4.5 \text{ mm}$
- . Standard field of view:  $58^\circ \times 45^\circ$

## >> CONTROLLER & SOFTWARE



### >> ARTTRACK CONTROLLER & DTRACK2

- . Easy remote access through front-end software (available for Windows & Linux)
- . Data output via Ethernet
- . Simple camera and body management
- . Flexible adjustment of room and body coordinates
- . Convenient configuration management
- . Software interfaces: trackd, VRPN or direct via SDK (please refer to our website for detailed information)
- . Wake on LAN

>> Please contact us for an individual offer!



# ART

Advanced Realtime Tracking GmbH  
Am Oefel 6  
82362 Weilheim i.OB / Germany  
T +49 (0) 881 - 92530 - 00  
F +49 (0) 881 - 92530 - 01  
[www.ar-tracking.de](http://www.ar-tracking.de)