



SMARTTRACK3 is the latest version of the ART plug & play tracking solution for small volumes. Two tracking cameras and the controller are integrated in a compact housing. When delivered, SMARTTRACK3 is pre-calibrated and may be used immediately. The compact size and the integrated controller make SMARTTRACK3 the ideal mobile tracking system. The new PoE power supply now allows usage without a separate power cable.

Preliminary Technical Data

General Camera Data	
Image sensor	1280x1024
Frame rate (sensor)	150 Hz @ full frame, 240Hz max.
Image processing	internally
Status indicator	2 LEDs: Power, Tracking
IR source	2x4 LEDs @ 850nm
Data transfer / Power supply	Ethernet with PoE (802.3af-2003)
Synchronization	Free-Running, TTL or Video VSYNC (BNC input)
Cooling	Passive, no fans
Operating temperature	5...30°C, non-condensing
Power consumption	15W
Weight	1,5 kg

Available lenses and operation modes				
Compatible lenses		Operation mode		
		@ 150Hz	@ 180Hz	@ 240Hz
	Sensor resolution (pixels)	1280x1024	1280x880	1280x660
2.8mm	FoV (horiz. x vert.)	120° x 93°	120° x 84°	120° x 70°
Range*		3m		

* based on 12 mm spherical passive markers

System latency			
4 targets	9ms	8ms	6ms

Conformities
<ul style="list-style-type: none"> • CE, NRTL • FCC • RoHS

Technical Drawing

