ART Controller

Suitable for all ARTTRACK systems

The ART Controller can operate and power up to 4 cameras of type AT7-80, ARTTRACK5 or ARTTRACK6/M. More cameras are supported by switches (AT7-80, ARTTRACK5 or ARTTRACK6/M). The controller comes in a rack-mountable (19") housing and can also be placed on a table for example – there are rubber feet at its bottom.

Technical Data

Power Supply	
Voltage	100 - 240 V
Power consumption	max. 425 W
Connectors	
Synchronization in	BNC: Video Signal (75 Ω), TTL, LVTTL
Synchronization out (optional)	BNC: Video Signal (75 Ω)
Mains in	100 - 240 V
Data in / out	2x RJ45, Gigabit Ethernet (LAN, optional Cascade)
Camera ports	4 x RJ45, Gigabit Ethernet, PoE+ (IEEE 802.3at-2009)
Peripherals	6 x USB 2.0 (e.g. Radio Transceiver2/3, service access)
Operating Conditions	
Temperature	0 … 38°C
Dimensions	
Size (W x H x D)	480 x 135 x 345 mm (3U)
Weight	approx. 9.8 kg

Certifications
• CE
• FCC Part 15 B, Class B
• TÜV SÜD NRTL

ART Controller

ART
Advanced Realtime Tracking

Technical Drawing

all dimensions in [mm] unless otherwise specified

Front View

488,60

445

135

Back View

Sync Input

Cascade LAN

Cameras

Cameras

4 x USB

ART Controller/M

ART ▶
Advanced Realtime Tracking
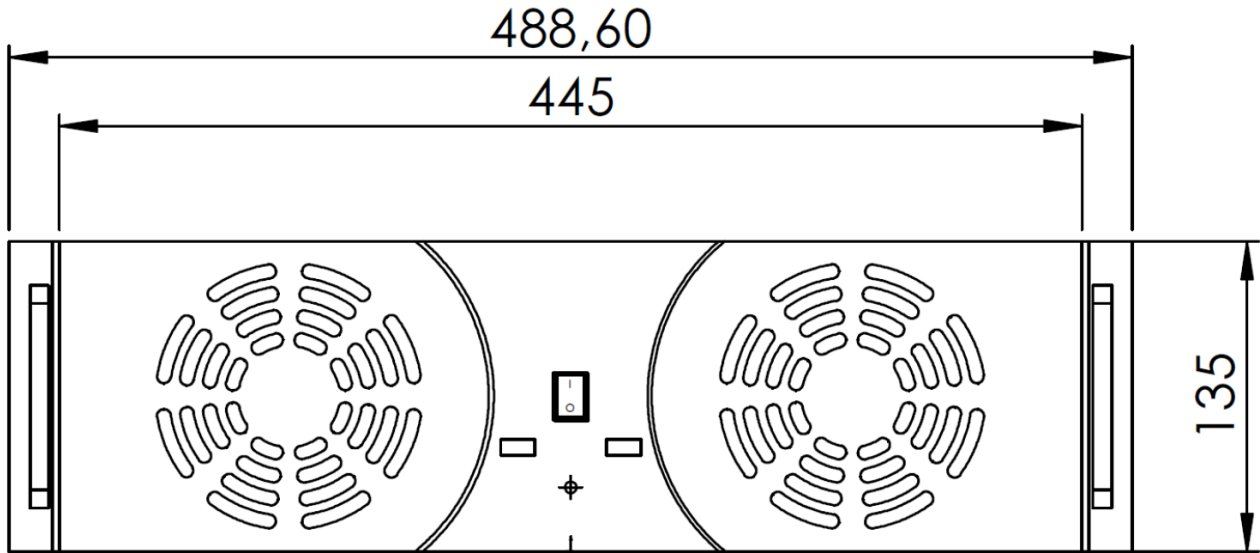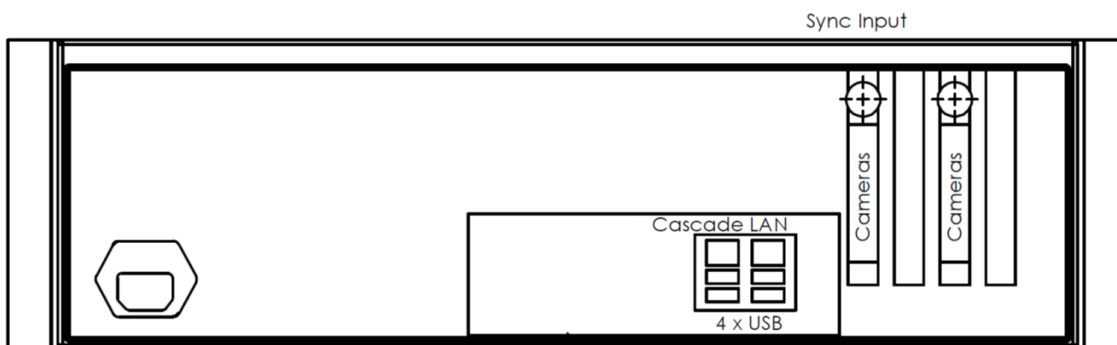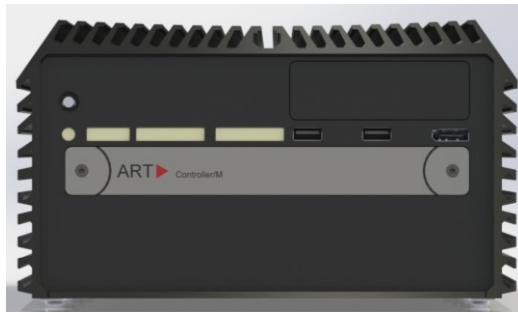
Optimized for compact tracking systems

The ART Controller/M was developed with special attention to the requirements of system integration. Compact size, robust construction, solid mounting possibilities and different power supplies make it the perfect solution for applications such as in-vehicle tracking or simulations on moving platforms.

The ART Controller/M can operate and power up to 8 cameras of type AT7-80, ARTTRACK5 or ARTTRACK6/M.

Technical Data

Available external power supplies		
AC power supply	100 – 240 V 47 - 63 Hz	160 W
DC power supply	9-36 V (ignition control available)	140 W
Connectors		
Synchronization in	BNC: Video Signal (75 Ω), TTL, LVTTL	
Synchronization out	BNC: Video Signal (75 Ω)	
Power in	48 V DC	
Data in / out	2 x RJ45, Gigabit Ethernet (LAN, optional Cascade)	
Camera ports	8 x RJ45, Gigabit Ethernet, PoE+ (IEEE 802.3at-2009)	
Peripherals	8 x USB (e.g. Radio Transceiver2/3, service access) 1x external fan connector	
Operating conditions		
Cooling	active internal fan (back) external fan (top) available for warm environments	
Temperature	0 … 45°C	
Dimensions		
Size (W x H x D)	227 x 126 x 261 mm	
Weight	approx. 5.2 kg	
Certifications		

▪ CE
▪ FCC Part 15 B, Class A
▪ Railway
   - EN50155
   - EN50121-3-2
▪ Automotive
e-mark [e13]		

Technical Drawing

all dimensions in [mm] unless otherwise specified

Front View

Unit: mm