



Data Sheet

CARINAnav

Smart laser control for movable laser systems from LAP

Features

- User-friendly intuitive interface with a clear navigation structure
- Safe due to multiple defenses against cybercrime
- Flexible thanks to three different options for transmitting coordinates to the laser system
- Portable for maximum freedom of movement with tablet solution and Bluetooth connection
- Compatible with all well-known TPS and virtual simulation software

Supported data interfaces

- LAP file format
- DICOM isocenter import
- SIEMENS *syngo.via* RT Image Suite*

Notes

- 12 months standard warranty
- Installation is not included

*CARINAnav Upgrade DLS required, optional for SIEMENS customers



Technical data	CARINAnav (E)	CARINAnav (B)	CARINAnav (Desktop PC)
Devices	Estone MD-100 Tablet PC	Baaske Docpad Tablet PC	Fujitsu ESPRIMO P5011 Desktop PC
Dimensions (W × D × H)	256.7 × 280.7 × 23.3 mm	228 × 150 × 13 mm	180 × 304 × 375 mm
Weight	1.2 kg	554 g	approx. 10 kg
International protection rating	IP65 waterproof Drop: 4ft drop resistant Shock Resistant: MIL-STD-810G	IP65	Not defined
Operating temperature	0–35 °C	0–50 °C	10–35 °C
Air humidity (rel. humidity, non-condensing)	10–90 %	0–95 %	5–85 %
External power supply	100–250 V, 50/60 Hz, 1.5 A	100–240 V AC, 47–63 Hz	100–240 V AC, 50–60 Hz
Screen type	Touchscreen, Capacitive 10-point Multi-touch, Chemically hardened cover glass	Touchscreen, In-Plane Switching (IPS)	IPS Panel, LED backlit, anti-glare, 3H hard coating screen surface
Screen dimensions	10.1" IPS	8.4"	19"
Screen resolution	1,920 × 1,200 px, 400 NIT Brightness	2,560 × 1,600 px	1,280 × 1,024 px
Operating system	Windows 10 Professional	Windows 10 Professional	Windows 10 Professional
CPU	Intel® Apollo Lake N4200	Intel® Atom® x5-E3940	Intel® Core™ i3-10105, Core™ i5-10400 Processor
RAM	4.0 GByte LPDDR3	4.0 GByte DDR4	8.0 GByte DDR4-RAM PC-3200
Hard disk	256 GByte SSD	64 GByte SSD	SSD Pcle 256 GByte M.2 2280 NVMe
Approved	A CE conformity assessment according to the European Medical Device Regulation MDR – EU 745/2017 was carried out successfully. The device is listed in the FDA Medical Devices Database and legally marketed in the USA.		
Scope of delivery	Tabletop docking station with power cable (3 m)		LED screen, keyboard, mouse
	Bluetooth gateway with connection cable (60 cm)		RS485-USB converter

Bluetooth gateway	
Dimensions (W × D × H)	180 × 90 × 35 mm
Weight	375 g

LAP GmbH Laser Applikationen
 Zeppelinstr. 23
 21337 Lüneburg
 Germany
 P +49 4131 95 11-95
 E info@lap-laser.com

