

Technical data – touch device

touch device	
CPU	Processor: 1.0 GHz quad core ARM®Cortex-A9 Memory: 2 GB RAM, 1 GB Internal Flash, 32 GB SD-Card Memory
Display	Technology: Projective capacitive multi-touch screen Type: Transmissive (sunlight-readable) backlit TFT color graphic display Optically bonded, protective industrial display, integrated light sensor for automated adjustment of the brightness to the display Resolution: 800 x 480 Pixel Dimensions: 178 mm (7") diagonal
LED indicators	3 LEDs for battery status 1 LED for WiFi communication
Power supply	Operating time: 12 hours typical use (based upon an operating cycle of 25% measurement, 25% computation, 50% 'sleep' mode) Battery: Lithium-ion rechargeable battery 3.6 V / 80 Wh AC adapter/charger: 12 V / 36 W; standard barrel connector (5.5 x 2.1 x 11 mm)
External interface	USB host for memory stick USB slave for PC communication, charging (5 V DC / 1.5 A) RS-232 (serial) for sensor RS-485 (serial) for sensor I-Data for sensor Integrated Bluetooth® wireless communication (covers direct line of sight distances of up to 30 m / 100 ft depending on the prevailing environmental conditions) Integrated Wireless LAN IEEE 802.11 b/g/n up to 72.2 Mbps (depending on configuration) Integrated RFID with read and write capabilities (depending on configuration)
Environmental protection	IP 65 (dustproof and water jets resistant) – as defined in regulation DIN EN 60529 (VDE 0470-1), shockproof Relative humidity: 10% to 90%
Drop test	1 m (3 1/4 ft)
Temperature range	Operation: 0°C to 40°C (32°F to 104°F) Charging: 0°C to 40°C (32°F to 104°F) Storage: -10°C to 50°C (14°F to 122°F)
Dimensions	Approx. 273 x 181 x 56 mm (10 3/4" x 7 1/8" x 2 3/16")
Weight	Approx. 1.88 kg (4.1 lbs)
Camera	5 MP built-in (depending on configuration) LEDs: Risk Group 1 according to IEC 62471:2006
CE conformity	Refer to the CE compliance certificate in www.pruftechnik.com

touch device

Carrying case	Standard: ABS, drop tested (2 m / 6 1/2 ft.) Dimensions: Approx. 470 x 388 x 195 mm (18 1/2" x 15 9/32" x 7 11/16") Weight: Including all standard parts – Approx. 8.5 kg [18.7 lb]
FCC compliance	Requirements fulfilled (refer to the provided document 'Safety and general information')
Country radio certifications	Approvals granted for specific regions (refer to the provided 'Safety and general information' document)

Technical data – sensALIGN 5 sensor

sensALIGN 5 sensor	
Type	5-axis sensor: 2 planes (4 displacement axes and angle)
LED indicators	1 LED for laser adjustment and battery status 1 LED for Bluetooth® communication
Power supply	Battery: Lithium-Ion rechargeable battery 3.7 V / 5 Wh Operating time: 10 hours (continuous use) Charging time: Using charger – 2.5 h for up to 90%; 3.5 h for up to 100% Using USB port – 3 h for up to 90%; 4 h for up to 100%
Environmental protection	IP 65 (dustproof and water jets resistant), shockproof Relative humidity: 10% to 90%
Ambient light protection	Yes
Temperature range	Operation: -10°C to 50°C (14°F to 122°F) Charging: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Dimensions	Approx. 105 x 74 x 58 mm (4 9/64" x 2 29/32" x 2 1/4")
Weight	Approx. 235 g (8.3 oz)
Measurement range	Unlimited, dynamically extendible (US. Patent 6,040,903)
Measurement resolution	1 µm (0.04 mil) and angular 10 µRad
Measurement rate	Approx. 20 Hz
Measurement accuracy (avg)	> 98 %
Inclinometer resolution	0.1°
Inclinometer error	0.3 % full scale
External interface	Integrated Bluetooth 4.1 Smart Ready wireless communication USB 2.0 Full Speed
Transmission distance	Up to 30 m (98 ft) direct line of sight
CE conformity	Refer to the CE compliance certificate in www.pruftechnik.com
Country radio certifications	Approvals granted for specific regions (refer to the provided 'Safety and general information' document)

Technical data – sensALIGN 5 laser

sensALIGN 5 laser	
Type	Semiconductor laser
Power supply	Batteries 2 x 1.5 V IEC LR6 ("AA") Operating time: 180 hours
Environmental protection	IP 65 (dustproof and water jets resistant), shockproof Relative humidity: 10% to 90%
Temperature range	Operation: -10°C to 50°C (14°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)
Dimensions	Approx. 105 x 74 x 47 mm (4 9/64" x 2 29/32" x 1 27/32")
Weight	Approx. 225 g (7.9 oz)
Wavelength	630 – 680 nm (red, visible)
Safety class	Class 2 according to IEC 60825-1:2007 The laser complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.
Safety pre-cautions	Do not look into laser beam
Beam power	< 1mW
Beam divergence	0.3 mrad
CE conformity	Refer to the CE compliance certificate in www.pruftechnik.com