

Touch device



Technical data

| Parameter | Touch device |
|---------------------------------|--|
| CPU | 1.0 GHz quad core ARM Cortex-A9 |
| Memory | Memory: 2 GB RAM, 1 GB Internal Flash, 32 GB SD-Card Memory |
| Display | Projective capacitive multi-touchscreen 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 | Lithium-ion rechargeable battery 3.6 V / 80 Wh 12 hours typical use* AC adapter/charger: 12 V / 36 W; standard barrel connector *(based upon an operating cycle of 25% measurement, 25% computation, 50% 'sleep' mode) |
| 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, Bluetooth, WiFi, RFID integrated Integrated Wireless LAN IEEE 802.11 b/g/n up to 72.2 Mbps |
| Camera | 5 MP |
| Environmental protection | IP 65 (dustproof and water jets resistant) Shockproof Relative humidity: 10% to 90% |
| Drop test | 1 m (3 1/4 ft) |
| Temperature range | Operation / 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) |

sensALIGN® 7



Technical data

| Parameter | sensALIGN® 7 sensor |
|--------------------------|---|
| Measurement range | Unlimited, dynamically extendible (US. Patent 6,040,903) |
| Measurement resolution | 1 µm |
| CPU | ARM Cortex™ M3 2 GB Flash Memory |
| LED indicators | 4 LEDs for laser adjustment 1 LED for Bluetooth® communication 1 LED for battery status |
| Power supply | Operating time: 12 hours continuous use Battery: Lithium Polymer rechargeable battery 3.7 V / 1.6 Ah 6 Wh |
| External interface | Integrated Bluetooth® Class 1 wireless communication, RS232, RS485, IData |
| Vibration measurement | mm/s, RMS, 10Hz to 1kHz, 0 mm/s – 5000/f • mm/s² (f in Hertz [1/s]) |
| Inclinometer | Resolution: 0.1° Error: ± 0,25 % full scale |
| 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. 103 x 84 x 60 mm (4 1/16" x 3 5/16" x 2 3/8") |
| Weight | Approx. 310 g (10.9 oz) |

| Parameter | sensALIGN® 7 laser |
|--------------------------|---|
| Type | Semiconductor laser |
| Beam power | < 1 mW |
| Beam divergence | 0.3 mrad |
| Inclinometer | Resolution: 0.1° Error: ± 0.25 % full scale |
| LED indicators | 1 LED for laser transmission 1 LED for battery status |
| Power supply | Lithium Polymer rechargeable battery 3.7 V / 1.6 Ah 6 Wh AC adapter/charger: 5 V / 3 A Operating time: 70 hours continuous use |
| 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) Charging: 0 °C to 40 °C (32 °F to 104 °F) Storage: -20 °C to 60 °C (-4 °F to 140 °F) |
| Dimensions | Approx. 103 x 84 x 60 mm (4 1/16" x 3 5/16" x 2 3/8") |
| Weight | Approx. 330 g [11.6 oz] |