

Allegro 2™

Rugged Mobile Field Controller



The Allegro 2 features a full QWERTY & numeric keyboard, carefully selected for its ergonomic form. Next up on the boast-worthy features list are the Overtime Technology™ battery that powers this sturdy piece of equipment for well over 20 hours on one charge, the Sun-to-Shade™ high-visibility display, 20% larger than the previous Allegro, and easy to view in both glaring sunlight and shady conditions.

Key Features:

- Full numeric + QWERTY keyboard for rapid data entry
- Intelligent Li-Ion battery 10600 mAh 3.7 V. Outstanding battery life runs 20+ hours
- Transflective technology provides maximum visibility in both bright sunlight and shade
- Simultaneous GPS & GLONASS capabilities
- 5 MP camera with flash & geotagging + video capture
- Operates in extreme temperatures from -30 C to 60 C
- Dustproof & waterproof (IP68 rating);
- Designed to MIL-STD-810G

Allegro 2[™] works with all Topcon's GNSS Receiver













Allegro 2™

Rugged Mobile Field Controller

Specifications

Processor : 1.0 GHz ARM Cortex A8 i.MX53 processor

RAM : 512 MB

ROM : 8 GB flash storage

Operating System : Microsoft® Windows Embedded Handheld 6.5.3

Camera : 5 MP resolution with autofocus and LED

illuminator + video capture

Keypad : Full numeric and QWERTY keypad with

user-assignable keys

Display : Active viewing area: 4.2 inch (107 mm) VGA

LCD TFT (640 x 480) Landscape Display

Dimension : 138 mm x 256 mm x 40 mm

GNSS : Internal High-sensitivity GPS/GLONASS/SBAS

(GEO Models) receiver; Accuracy: SBAS 2 m; autonomous

5 m

Communications : COM1, RS-232C 9-pin D connector, USB host (Full

A), USB client (Micro B), Bluetooth®, Wi-Fi®, and 3.75G modem - Pentaband Worldwide (Geo 3G

model only)

Storage expansion: User-accessible micro SD/SDHC slot

Battery : Intelligent Li-Ion battery 3.7VDC @ 10600 mAh,

38.7 Whr. Operates 20 hours or more on one charge

Temparature :

Operating : -30° C to $+60^{\circ}$ C Storage : -30° C to $+70^{\circ}$ C

Sand, dust, & water : IP68; MIL-STD-810G Drop protection : 1.22 m onto concrete

Specifications subject to change without notice.

For more information:





Our core business is founded on the surveying instruments we have manufactured since our founding in 1932 and ophthalmic & medical equipment we introduced to the market following World War II. Since then, we have expanded our business domains through a combination of M&A and alliances, including construction machinery control technology since 1994, precision GPS receivers since 2000, precision agriculture since 2006, and mobile control technology since 2007. http://global.topcon.com/