

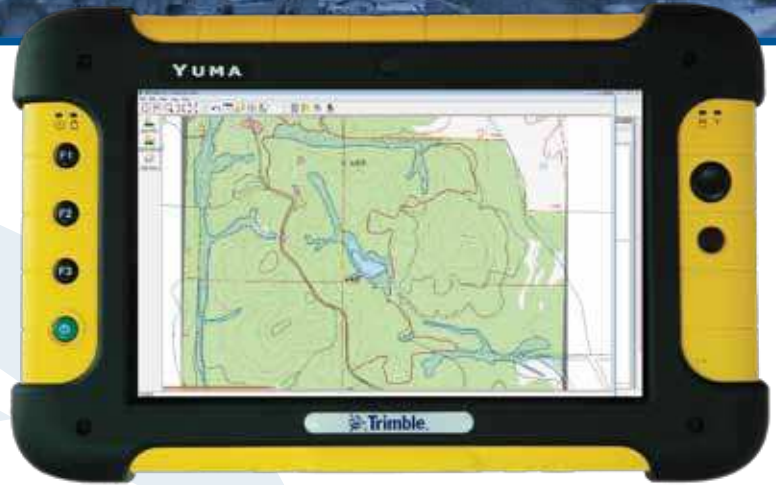


TimberPilot

FOREST HARVESTING OPTIMIZATION



- View position of harvester machinery in relation to tract boundaries and sensitive area boundaries.
- Receive audible and visual alerts when machinery encroaches on these boundaries.
- Collect continuous GPS positions on where machinery has been.
- Use multiple background maps to assist with navigation and decision making.
- Measure distances and areas to minimize skidding paths and assist in thinning layouts.
- Fully compatible with SOLO 360 for preparing background maps and boundary data from ArcGIS..
- Large buttons for quick and easy access to common functions.
- Set up and manage boundary alerts for multiple polygons.
- Boundary alerts can be configured to be external (stay within this defined area) or internal (stay out of this defined area).



In Cab Tablet Specs:

STANDARD FEATURES

- Genuine Windows 7™ Professional
- Intel Atom 1.6 GHz processor
- 1 GB DRAM
- 80 GB Solid State Hard Drive
- Sunlight readable color display
- 5 wire resistive touchscreen
- Rugged waterproof design
- Headphone/speaker mini-jack stereo
- Microphone/line-in mini-jack
- Front facing autofocus 2 MP camera (video and photo)
- User facing camera (1.3 MP)
- Integrated Bluetooth Class 2
- Integrated WiFi b/g (Cisco certification pending)
- Integrated GPS
- SDIO memory slot
- ExpressCard 34mm slot
- Standard Battery set (4 hours)1
- 12-month warranty

PHYSICAL

- Size (LxWxH) 5.5 in x 9 in x 2 in (14 cm x 23 cm x 5cm)
- Weight 2.6 lb (1.2 kg) including strap and standard batteries
- Colors yellow w/ black or gray w/black
- Housing Mg-Al
- Keys six keys (power, enter, directional and 3 user programmable function buttons)

ENVIRONMENTAL SPECIFICATIONS

Meets or exceeds:

- Operating Temperature -22 °F to 140 °F (-30 °C to 60 °C)
- MIL-STD-810F, Method 501.4, Procedure II
- MIL-STD-810F, Method 502.4, Procedure I, II, III
- Storage Temperature -40 °F to 158 °F (-40 °C to 70 °C)
- MIL-STD-810F, Method 501.4, Procedure I
- MIL-STD-810F, Method 502.4, Procedure I, II, III
- Temperature shock MIL-STD-810F, Method 503.4, Procedure I (-35 °C/+65 °C)
- Humidity MIL-STD-810F, Method 507.4
- 90%RH temp cycle 0 °C/+70 °C
- Water Immersed in 1 meter of water for 30 minutes
- IP67, MIL-STD-810F, Method 512.4, Procedure I
- Water Jet 12.5 mm dia. @ 2.5 m-3 m, 100 Liter/min
- Drop 26 drops from 4 ft (1.22 m) onto plywood over steel
- MIL-STD-810F, Method 516.5, Procedure IV
- 6 additional drops at -22 °F (-30 °C)
- 6 additional drops at 140 °F (60 °C)
- Sand & dust 8 hours of operation with blowing talcum powder
- IP67, MIL-STD-810F, Method 510.3, Procedures I&II, IEC-529-IP-X6
- Vibration General Minimum Integrity and the more rigorous Loose Cargo test
- MIL-STD-810F, Method 514.5, Procedure I, II
- Altitude 15,000 ft at 73 °F (5°C) and 40,000 ft. at -30°C
- MIL-STD-810F, Method 500.4, Procedures I, II & III

ELECTRICAL

- Processor Intel Atom Z530 1.6 GHz processor
 - RAM Memory 1 GB DDR2
 - Storage 80 GB Solid State Hard Drive
 - Expansion SDIO memory slot
 - ExpressCard 34mm slot
 - Display 7" widescreen 1024x600 WSVGA 650nit
 - Standard Batteries Dual hot-swappable Lithium-Ion batteries, 2600mAh each
 - Extended Batteries Dual hot-swappable Lithium-Ion batteries, 5100mAh each
 - I/O USB 2.0 port (x2), 9-pin serial port (RS-232)
 - DC power port, 32-pin docking
 - External GPS Antenna via Vehicle Docking Station
 - Integrated Bluetooth Billionton Bluetooth v. 2.1 + ERD Compliant
 - Integrated 802.11 b/g Intel WiFi Link 5100 (CCX)
 - Integrated GPS SIRF STAR III, WAAS capable
- CERTIFICATIONS:
- MIL-STD-461E (RE 102, RS103), RoHS compliant, MIL-STD-810F, IP67, TUV, C-Tick (Australia/New Zealand), FCC (US), CE (EU), IC (Canada), Section 508 compliant

GNSS:

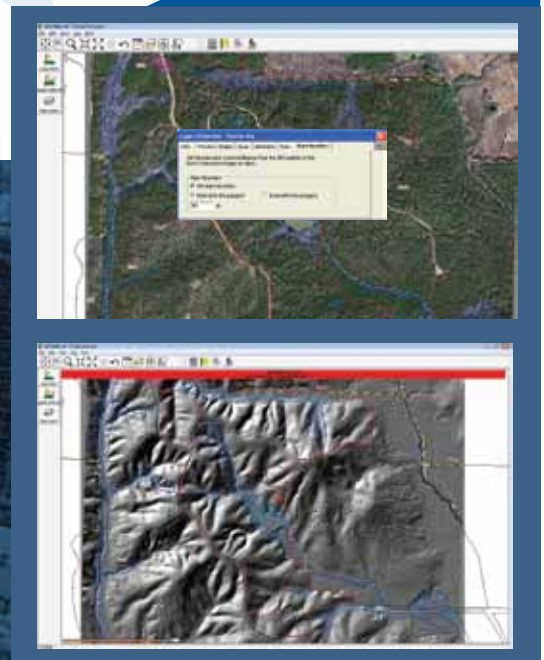
- Integrated GNSS:
- SIRF STAR III GPS receiver

Accuracy (HRMS)³ after differential correction

- Code postprocessed:
- 2-5m
- Real-time (WAAS)⁴:
- 2-5m

3: Horizontal Root Mean Squared accuracy. Requires data to be collected using horizontal mounting, minimum of 4 satellites, PDOP mask at 99, SNR mask at 12 dBHz, elevation mask at 5 degrees, and reasonable multipath conditions. Ionospheric conditions, multipath signals or obstruction of the sky by buildings or heavy tree canopy may degrade precision by interfering with signal reception. Accuracy varies with proximity to base station by +1 ppm for postprocessing and real-time.

4: WAAS (Wide Area Augmentation System) available in North America only.



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