LOGIC INSTRUMENT

FIELDBOOK i1 HD

A reliable companion in every situation

To accompany businesses in their mobility solutions, Logic Instrument presents the fully rugged Fieldbook i1 HD tablet. Featuring a 4th generation Intel Core i5 CPU, the i1 supports Windows Embedded 8.1 Industry Pro as well as 7 and up to 8GB DDR3L system memory.

Its Corning® Gorilla® Glass 3 with native damage resistance™ protected touch and digitizer screen delivers, with up to 1000 nits, a brilliant and clear full-HD resolution (1920x1200) even in bright outdoor conditions.

The i1 also offers a great connectivity while almost all components are integrable simultaneously.

KEY FEATURES

- IP65 water and dust proof, MIL-STD810G (shock, vibration, altitude,…) and 461F
- 5 feet (1.5m) drop resistant, extended temp range
- Powerful Core i5 CPU and up to 8GB RAM, supports Win 8.1 and 7
- Built-In 1D/2D barcode scanner, SmartCard reader and RFID NFC
- Fully Integrated: 4G LTE, BT4.0, GPS WiFi ac, USB3.0, RS232, RJ45 Gigabit Ethernet
- User replaceable, hot-swappable battery
- Pass-through connectors for external antennas signal (WWAN, WiFi, BT, GPS)
- FIPS 140-2 Level 2 compliant

Windows Embedded 8.1 | **IP65** | **MIL-STD 810G** | **MIL-STD 461F** | **FIPS 140-2**

OPERATING SYSTEM	Windows 8.1 Industry Pro, 64 bit Windows 7 Pro, 64 bit
CPU & GRAPHIC	Intel® Core ULT Shark Bay Haswell single chip Core i5-4300U 2,9GHz Turbo Frequenz Intel HD 4400 graphic processor
SYSTEM MEMORY	4GB / 8GB RAM DDR3L@1333MHz
STORAGE	64GB / 128GB / 256GB mSATA SSD Self Encrypting Devices (SED) available
DISPLAY & TOUCH	10,1" - 16:10 Fully HD resolution 1920X1200 (WUXGA) FieldView Pro Display - sunlight readable, 1000 Nits Rugged Corning® Gorilla® Glass 3 with Native Damage Resistance 10 finger projective capacitive multi-touch Dual-Mode Display with Touch and Digitizer function
CONNECTIVITY	802.11ac, compatible to a/b/g/n, supports Intel Wireless Display Bluetooth v4.0 U-Blox Max-M8 GPS / Glonass (available even without 3.5G/4G) Worldwide WWAN 3.5G & LTE 4G (Option)
CAMERAS	5M AF Camera with LED flash (rear side) 2M Camera (front side)
BARCODE SCANNER	Built-In 1D / 2D barcode scanner (Option) - 1D (200 images/s): EAN/UPC, RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes - 2D (56 images/s): Data Matrix, PDF417, Micro PDF 417, Maxicode, QR, Aztec, EAN.UCC composite
BUTTONS	Power Button x1, Volume Button x2 Programmable Function Buttons x6 (Fn * F1/ F2/ F3)
LED STATUS INDICATOR	Power on Battery full / charging / low Wi-Fi on / off Fn on / off
EXPANSION BAY	SmartCard reader (FIPS 140-2) RFID & NFC Customized expansion bays development on demand

SENSORS INTERFACES	Gyroscope, accelerometer, e-compass, Ambient light sensor 1 x USB 3.0 type A , 1 x RS-232 DB9 or USB 2.0 type A 1 x RJ45 Gigabit Ethernet 1 x Audio jack for stereo headphone & microphone 1 x Micro HDMI, 1 x micro SD, 1 x Micro SIM 1 x DC-In 1 x Docking connector 2 x Pass-through connectors (WiFi / GPS / WWAN) – settings can be changed via FieldControl software WiFi MIMO and BT possible (Option)
ACCESSORIES	Passive Dock (Vesa) - *FBI1DOCK1P0* Active vehicle dock (Vesa) - *FBI1DOCK1AXXXXX* Active office dock - *FBI1DOCK2AXXXXX* Several stands for office LIND 12-16VDC vehicle adapter - *06G040013* LIND 12-32VDC vehicle adapter - *06G040014* LIND 12-32VDC military vehicle adapter - *06G040015* Handstrap - *13F080002* Handle - *13F080003*, X-Shut hands free carry solution, Shoulder strap - *13F080004* - Bag - *07B010007*
POWER SUPPLY	Universal AC 100V ~ 240V, 50~60Hz Input; 19VDC@3.42A, 65W Standard Pack: 10.8V, 4500mAh; replaceable Extended Pack: 10.8V, 9000mAh; replaceable Backup battery: built-in battery to support main battery hot-swap
DIMENSIONS	11.53 x 8.19 x 1.28 inch (293 x 208 x 32.5 mm) incl. rubber corners Approx. 2.8 lbs (1.3kg) incl. battery depending on configuration
ENVIRONMENT	IP65, MIL-STD810G, MIL-STD461F Operating Temperature -4 to +140°F (-20 to +60°C) Storage Temperature -22 to +158°F (-30 to +70°C) Operating Humidity 5% ~ 95% 5 feet (1.5m) drop resistance
SECURITY	Intel Data Protection Technology with AES-NI Intel Platform Protection Technology with : - Intel Trusted Execution Technology - Intel Anti-Theft technology Trusted Platform Module Kensington Lock Lockable docking station (Sold separately) More Security Features offered by our partners: THALES, SOTI, ERCOM, FOG, TELELOGOS

FIELDCONTROL

The Fieldcontrol software allows you to quickly control the main Fieldbook features :
- Choose from WWAN, Bluetooth, WiFi and GPS which signal to assign to the 2 pass through connectors
- Adjust screen brightness & volume, auto-brightness & screen auto-orientation On/Off
- Enable / Disable each wireless device, Airplane Mode and the integrated cameras
- Access to the key mapping – map a function like barcode triggering or a key combination to any of the hardware buttons
- Display necessary information like the installed OS version, the Fieldbook's serial number and the battery health status (Max & current charge, design & current capacity)
- Protect each single function from user access. For example you don't want the user to deactivate the GPS and to activate the integrated cameras – you can manage it with Fieldcontrol.

Some of our customers

Contact

GLOBAL HEADQUARTER FRANCE
+33 1 39 35 61 61
france@logic-instrument.com

NORTH AMERICA
+1-678-263-3103
usa@logic-instrument.com

DE / AT / CH
+49 89 666 2 876
germany@logic-instrument.com