H711 INDUSTRIAL TABLET

Product Introduction

H711 serial products extend Handheld-Wireless product serials into Android OS 7.0 industrial tablet. Inside the compact tablet terminals, sealing level of IP65 water/dust proof, 1.5m/4.5ft drop survival, ergonomic design, over-molding structure, extremely large internal 10000mAh battery, and 7.0 inch tough Gorilla Glass 3 9H screen are all equipped to ensure performance. Fast 1.3GHz quad-core processor 2GB RAM/16GB ROM and up to 32GB expansion are all designed to boost up experience level.

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FEATURES

Extraordinary Battery Life
Extremely large internal battery of 10000mAh can ensure long battery in different using environment;

Rugged Ergonomic and Over-molding Design
Over-molding and ergonomic hardware design can satisfy most of the tough environment from different fields;

Extremely Stable Hardware Display
7.0 inch tough Gorilla Glass 3 9H screen can ensure the performance under different tough environment;

Highly Customized Structure
'All-in-One' hardware design conception can expand the hardware modules integration based on different project
requirements, espcially like UHF+HF, UHF+LF, HF+LF;

Highly Integrated and Preinstalled Application
The highly integrated and preinstalled ScanServer can satisfy most of the solutions obtained from Google Play by the
working principle of 'Plug and Play';

Quick-Charging
Quick-charging technology can provide the most efficient experience;

Perfect Service
Professional and skillful service involving the whole life cycle can guarantee the stability.

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimension	208mm(H)x130mm(W)x20mm(D)±2 mm
Weight	Net Weight :1150g (including battery&wrist strap)
Display	7.0 in. TFT-LCD(1280x720)touch screen with backlight
Backlight	LED backlight
Expansions	1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V, 10000mAh

PERFORMANCE CHARACTERSTICS

CPU	Cortex A53 1.3GHz quad-core
Operating System	Android 7.0
Storage	2GB RAM, 16GB ROM, MicroSD(max 32GB expansion)

USER ENVIRONMENT

Operating Temp.	-20℃ to 50℃
Storage Temp.	-20℃ to 70℃
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge

DEVELOPMENT ENVIRONMENT

SDK	Handheld-Wireless Software Development Kit
Language	Java
Environment	Android Studio or Eclipse

DATA COMMUNICATION

WWAN	TDD-LTE Band 38, 39, 40, 41 FDD-LTE Band 1, 2, 3, 4, 7, 17, 20; WCDMA(850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);
WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m

SPECIFICATIONS

CMRFID
Technology CO. Ltd

DATA CAPTUER

BARCODE READER(OPTIONAL)

2D barcode	2DCMOSImager	Honeywell N6603/Newland EM3396
	Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.

COLOR CAMERA

Resolution	Rear 8.0 megapixel, front 2.0 megapixel
Lens	Auto-focus with LED flash

RFID READER(OPTIONAL)

RFID LF	Frequency	125KHz/134.2KHz(FDX-B/HDX)
	Protocol	ISO 11784&11785
	R/W Range	2cm to 10 cm
RFID HF/NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693
	R/W Range	2cm to 8cm
RFID UHF	Frequency	865~868MHz or 920~925MHz
	Protocol	EPC C1 GEN2/ISO 18000-6C
	Antenna Gain	Circular antenna(2dBi)
	R/W Range	1.5 m to2.0 m(tags and environment dependent)

FINGERPRINT READER(OPTIONAL)

Sensor	TCS1xx
Sensor type	Capacitive, area sensor
Resolution	508 DPI
Performance	FRR<0.008%, FAR<0.005%
Capacity	1000

ACCESSORIES

Standard	1xPower Supply
	1xLithium Polymer Battery
	1xDC charging cable
	1xUSB data cable