



The AUTOID-APAD is a compact touch screen tablet with a protective, industrial design, making it an excellent choice for punishing fieldwork applications, even in rain, snow, heat and cold. The focus behind the design of the AutoID-APAD is to provide cost-effective mobile solutions to businesses and individuals and to operate optimally in even the harshest environments.

The AUTOID-APAD Pad's 7-inch high definition touch screen display makes use of cutting-edge capacitive touch technology. With a native resolution of 1280 x 800, the AUTOID-PAD offers detailed, crisp imagery while its thin, streamlined design, which only weighs 485g, is convenient, comfortable and super easy to carry

Powerful Application Performance



The AUTOID-APAD prides itself on fluent Android 5.1 OS, powerful Octa-core processor, together with 2GB of RAM, 32GB of ROM, plus a SD card slot that can add up to 32GB expansion.

Rugged and Compact



The AUTOID-APAD is highly rugged, compact and durable. With IP65 water and dust proof capability, workers can drop this device and concrete use it in dusty area even get it wet, and still expect reliable operations.

Powerful Battery



With the 6200mAh main battery you can be confident that your AUTOID-APAD can always deliver results when you need it to.

Extensive Data Capture Options



The AUTOID-APAD can be integrated with best-in-class Honeywell 2D scanning engine, RFID reading module. It allows to choose data collection options per industry needs.

Fast Wireless Connectivity



Whether indoors or outdoors, the AUTOID-APAD provides fast and stable network connectivity with a variety of wireless connection options including WCDMA, WiFi, Bluetooth and GPRS.

Superior RFID Reading Capability



Can be configured with high-performance HF RFID reading/writing module (supports ISO14443A/B, ISO15693 protocols). The module and software can be customized according to industry needs and tag specifications.



Physical Characteristics

Dimensions	123mm x 199mm x 15mm (23mm at Barcode)
Weight	485g Battery included, slight difference according to detailed configuration)
Display	7" 1280x800 WXGA
Touch Panel	Capacitive Touch, with gloved or dry / wet hands
Power	Main battery: Li-ion, 6200mAh
Expansion Slot	2 SIM 1 MicroSD(TF) slot up to 32GB
Audio	Built in Speaker, build-in microphone with noise reduction function

Performance

CPU	Cortex A53 Quad Core 1.2GHz
RAM/ROM	2GB / 16GB
Expansion	Supports up to 32GB Micro SD card

Developing Environment

Operating System	Android 5.1
SDK	Android 5.1 or above (All open source) Google play (Function development)
Tool	Android IDE (Eclipse)

User Environment

Operating Temp.	-20°C to 50°C
Storage Temp.	-40°C to 60°C Battery Included
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.2m drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	IP65

Communication

WLAN	IEEE802.11 a/b/g/n/ac
WWAN	GSM:Quad Band(850/900/1800/1900Mhz) TD-SCDMA:Band34,Band39 WCDMA:Band1,Band2,Band5,Band8 CDMA 1x /EVDO :BC0 TDD-LTE:Band38,Band39,Band40,Band41 FDD-LTE:Band1,Band3,Band7
Bluetooth	Bluetooth 4.0 (Support BLE)

Barcode Scanning

2D Imager	Honeywell N6603
Sensor resolution / Rate	844(H) x 640(V) / 60fps
Symbologies	Aztec Code, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 39, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI, PDF417,Postal Codes, Plessey Code, PosiCode, QR CodeUPC-A, UPC-E Etc. .

RFID

Frequency	13.56MHZ
Protocol	ISO15693, ISO14443A/BSupport for NFC protocol
Range	Read 0-6cm ISO15693 Read 0-4cm ISO14443A/B (Ranges depend on tags and environment)

Other Modules

Camera	2MP autofocus front camera 8MP autofocus with flash rear camera
GPS	GPS, Compass, GLONASS, Beidou

Other modules (Optionals)

Magnetic Card	Meet ISO7811 standard Card feeding speed——10~120cm/s
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AUTOID-APAD EN V1.0