

REAL-TIME
INFORMATION,
SMARTPHONE-
LIKE EXPERIENCE



Ruggedized Tablet

KEY BENEFITS

- > Sunlight readable
- > Supports gloved multi-touch and stylus operation
- > External system interfaces
- > Full sensor suite
- > Front- and rear-facing cameras (2Mp/8Mp)
- > Interoperable with military and commercial radios



The Harris RF-3590 Ruggedized Tablet provides high-performance application and computing capability in a lightweight, ruggedized package. It delivers a reliable, smartphone-like user experience in even the most extreme operational environments, and can be used to access tactical databases and full-motion ISR video, display situational awareness (SA), and run training or other secure applications. The RF-3590 also integrates directly with tactical wideband networks to enable real-time information sharing across the battlespace.

Using the Android™ Ice Cream Sandwich (4.0.4) operating system, the RF-3590 hosts an array of useful features for use at the tactical edge: it supports multiple embedded radios including 802.11n, Bluetooth 4.0, commercial GPS, and wireless cellular; its 7-inch sunlight readable touchscreen display can be operated with a stylus or while wearing gloves; and it includes onboard front- and rear-facing cameras, a digital compass, and pressure, temperature and light sensors.

With its external system interfaces, the RF-3590 is fully interoperable with existing Harris radio products and other industry standard commercial hardware.

Building on Harris' proven track record as the leader in providing battlefield-proven tactical communications solutions, the RF-3590 facilitates greater connectivity for forward-deployed soldiers—improving mission cohesiveness and effectiveness.



Harris RF-3590 Ruggedized Tablet



GENERAL

OS	Android
Processor	Dual-core processor at 1.5 GHz
Memory	64GB support for up to 128GB internal non-volatile memory, 1GB LPDDR2 memory
Sensors	Accelerometer, inclinometer, digital compass, barometric pressure, temperature, gyroscope, proximity/ambient light
Screen	7-inch sunlight readable LCD (1024 x 600) Multi-touch capable
Audio	Internal speaker, forward and rear facing microphones
Camera	Front- and rear-facing camera sensors (2Mp/8Mp)
Power	20W-Hr standard capacity Li Ion removable and rechargeable battery pack 8-36 VDC power input, rechargeable via USB
Security	FIPS inside WiFi / WPA2 certification, FCC

SPECIFICATIONS

Size	8.9 L x 1.3 D x 6.5 W in.
Weight	2.0 lbs.
Color	Black

ENVIRONMENTAL

Environmental	MIL-STD-810G, MIL-STD-461F
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INTERFACES

Secure digital (SD) card slot
Dual SIM card support
Wireless connectivity – Bluetooth 4.0 BLEANT support / 802.11n
Commercial GPS receiver
Internal speaker with front and rear microphones, audio port
4G / LTE antenna support (requires optional cellular modem in PCIe slot)
Mini PCIe cellular modem slot
USB 2.0 HS host and OTG
HDMI
Docking and expansion connectors
10/100 ethernet
Commercial and military (H250) handset/headset support
Line level audio interfaces
RS-232 UART interface
General purpose I/O

ACCESSORIES

Included	DC adapter Stylus USB cable
Optional	Interface cable to Harris radios Additional battery Battery charger Vehicle dock and mount

