

SUPER ELITE READER AND ELITER READER COMPARISON

	SUPER ELITE READER (OCTAL)	ELITE READER (DELTA)
User Interface	Interactive graphics & audio Day/Night mode	Discreet LEDs Limited Direct Sun Visibility
Reliability	Smart battery backup scheme (non-lithium) Operates in more extreme temperatures	Rechargeable Lithium Batteries
Maintainability	State of the art computer-on-module Superior diagnostics	Limited access and diagnostics Legacy design
Connectivity	2xLAN points for daisy chain Supports multiple GPRS modem types Supports Bluetooth and Wi-Fi dongles	1xLAN Supports only a single GPRS modem
Time Accuracy	Onboard GPS Network NTP Local host/manual	External GPS needed Limited NTP
Performance	8x faster intel chipset <2s Hot start, <40s Cold start	2min startup
Accessibility	Critical information even when reader is off On-the-fly profile changes w/out the need of PC Easy remote connectivity	Cumbersome web interface/tools Need PC to interface
Operational Efficiency	Easy to identify and set up reader parameters Rapid deployment Smart power management modes to conserve energy Remote diagnostics/control	Limited feedback No second tier data backup option

CONTACT US

Discuss how ACTIVE Network | IPICO timing solutions can help your event.

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READER SPECIFICATIONS

	SUPER ELITE READER (OCTAL)	ELITE READER (DELTA)
CPU	Intel® Atom E3827, 2x1.75GHz, 8w BIOS: Phoenix Secure Core UEFI	Intel® PXA255 Processor, 300 MHz Proprietary BIOS
Onboard Memory	MAIN: 1GB DDR3L ECC memory down FLASH: 4 GB SLC eMMC	MAIN: 512 MB PC133 SDRAM memory FLASH: 32MB Flash RAM
Ethernet Controller	Intel® I210IT 2x RJ45, 2 port switch on front panel 10/100 MB	SMSC LAN83C185 Ethernet Transceiver PHY 1x RJ45 on front panel 10/100MB
USB	2x USB 2.0	2x USB 1.1
Audio	Internal 2W speaker Jack plug for external speakers	Jack plug for external speakers
RF	2x 2ch Receivers (can connect 4x 2.5m antennas or 2x 5m antennas) 1x 2ch Transmitter (can drive 4x 2.5m antennas or 2x 5m antennas)	
Power Management	ACPI S5 Eco Reader Hibernation mode: typical 40h Reader Operational mode: typical 4h 17A/h SLA battery - flight worthy	Reader Operational mode: typical 4 h 17A/h SLA battery - flight worthy
Special Features	<ul style="list-style-type: none"> - OLED 1.5" 128x128 color display - 3x front panel button for display menus - Front panel status LED - Built-in GPS with external antenna TNC connector - Memory stick and GPRS dongle support on USB ports - Bluetooth and WiFi dongle support 	<ul style="list-style-type: none"> - 1 recessed front panel button for processor reset - Front panel status 12-LED bank - Memory stick and GPRS dongle support on USB ports
Operating System	Linux Fedora	Linux Gentoo
Dimensions	300x325x375mm; 20kg unpacked and 22kg packed for shipping	
Temperature	-20°C to +60°C operating; -40°C to +85°C non-operating	

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