

MA-850



MA-850 WLAN Integrator

Used stand alone or as a component of the MobileAccess Universal Wireless Network, the MA-850 enables centralizing of 802.11b/g WLAN Access Points (APs) in secure telecom closets for reduced maintenance and disruption while converging mobile services over a common infrastructure.

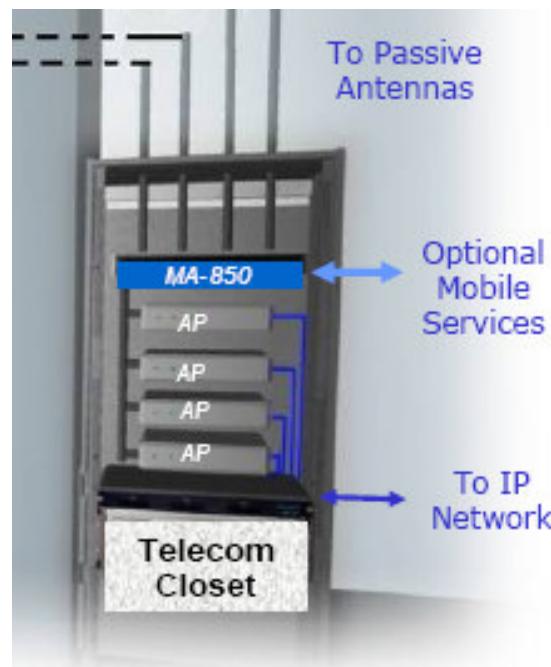
Centralize APs in secure telecom closets. Unlike traditional Wi-Fi deployments where Access Points are installed on ceilings and walls throughout the facility.

IT managers can more easily access APs, which ultimately reduces the operational costs of managing the Wi-Fi network and minimizes disruption within the facility.

Esthetically pleasing antennas are strategically placed to provide consistent reliable coverage supporting all services and advanced AP features such as VoIP, rogue detection, and location based services.

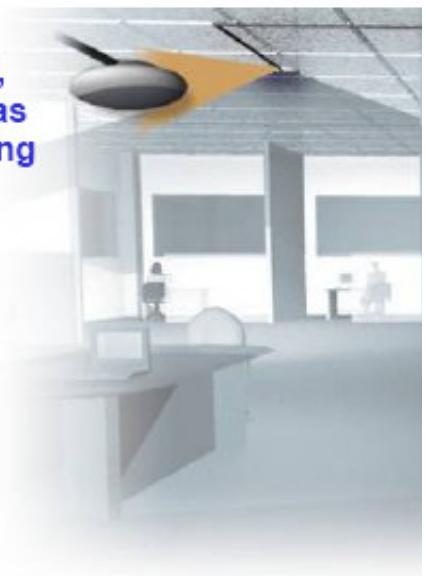
And the 850 is **easy to install, control, monitor and maintain** via local or web based access.

Combined with the MobileAccess Mobile Services products, the 850 seamlessly converges Wi-Fi with other services to support cell phones, pagers, blackberrys, public safety radios and more over a common cabling infrastructure.



MobileAccess 850

Passive, Antennas on Ceiling



Multiple Services, Secure and Easy to Maintain



Technology Developer Partner

802.11b/g RF Parameters

Four Ports	SMA Female, 50 ohm
Bandwidth	2400 - 2485 MHz
Insertion Loss	0 dB per port
Flatness	±1.5 dB

Mobile Services Parameters

Four Ports	SMA Female, 50 ohm
Bandwidth	806 - 960 MHz,
Insertion Loss	1.0 dB per port
Flatness	±0.5 dB
Bandwidth	1710 - 1990 MHz
Insertion Loss	2.0 dB per port
Flatness	±0.75 dB
Bandwidth	1920 - 2170 MHz "-U" Only
Insertion Loss	3.0 dB per port
Gain Flatness	±1.5 dB

Antenna Ports

Four Ports	N-type Female, 50 ohm
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Management

Configuration and monitoring via local RS232 connection and remote connection through a Web browser application

Power

Power	20 to 48 VDC; 20W
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Physical Specification

Dimensions	242 mm x 279 mm x 38 mm (9.54 in x 10.98 in x 1.5 in)
Weight	2.82 kg (6.2 lb)

Environmental Specifications

Temperature	
Operating	0°C to +50°C (32°F to 122°F)
Storage	-20°C to 85°C (-4°C to 185°C)
Humidity	
Operating	95% (non-condensing)
Storage	95% (non-condensing)

Standards and Approvals

USA	FCC-47 CFR parts 2,15,22,24,90
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Ordering Information

850	Module supporting 4 802.11 b/g
850-U	850 module supporting UMTS Includes 110/220 66W power supply

AK-850-1000	Accessory kit for 850 with 1000
AK-850-1200	Accessory kit for 850 with 1200
AK-850-MDLT	Accessory kit for 850 with Modulite
AK-850-2000	Accessory kit for 850 with 2000
AK-850-SA	Accessory kit for 850 stand alone

Wiring Diagram – MA-850 Stand Alone

