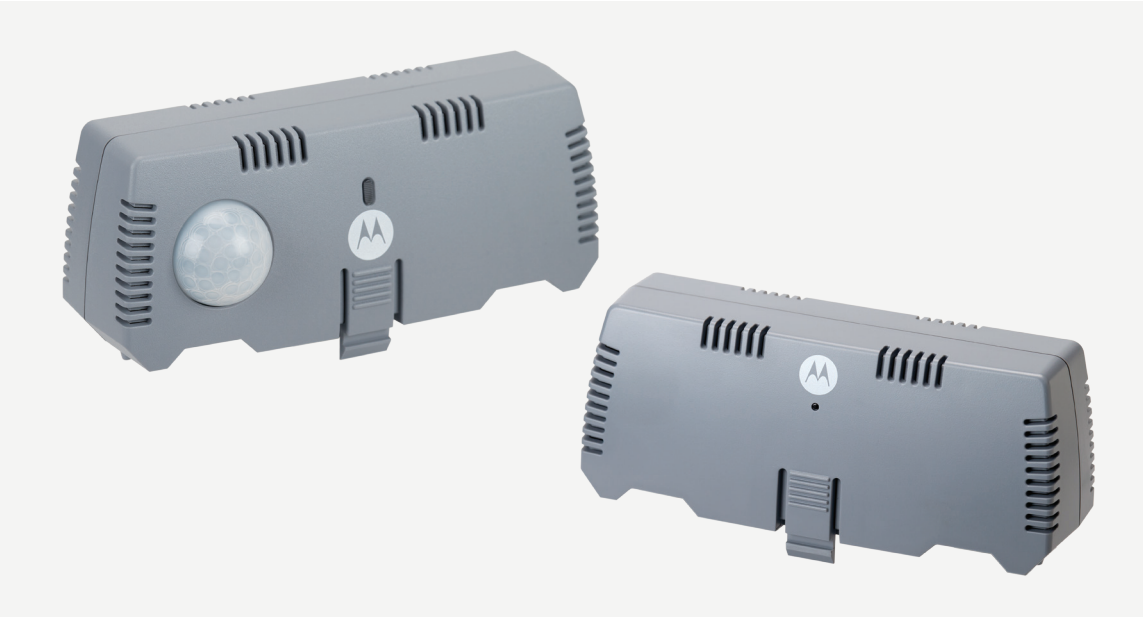

MAXIMIZE THE VALUE OF YOUR AP 8X32 WITH NEW CAPABILITIES

AP 8X32 MODULES

The modular architecture of Motorola Solutions AP 8x32 provides extraordinary flexibility, with two expansion ports that allow you to add the functionality you need, when you need it. Since all modules are truly plug-and-play, adding new capabilities couldn't be easier — you can add and swap this family of modules as your business grows and your needs change. Today, you can choose from modules that add around the clock intrusion protection, 4G wireless connectivity, environmental sensing and video support.

WIRELESS INTRUSION PROTECTION SYSTEM MODULE: 24X7 NETWORK PROTECTION

With the AP 8x32, there is no need to purchase a standalone layer of hardware for around the clock rogue detection. Just snap on this module to add the 2.4 GHz and 5 GHz dual-band sensing required to protect your entire wireless LAN. The context-aware detection, correlation and multi-dimensional engines detect only meaningful security events, minimizing false alarms. The extensive threat library and your policy settings enable the instant response required to keep your network and data safe — unauthorized devices and connections are immediately terminated. And since there is no need to purchase, deploy and manage dedicated sensor hardware, you get gap-free security at a much lower cost.

4G LTE CELLULAR BACKHAUL MODULE: INSTANT WIRELESS CONNECTIVITY

The Sierra Wireless AirCard 313U is ready to meet a wide variety of backhaul needs. Whether you need primary network connectivity, a redundant connection for network survivability or need to segment a specific type of traffic to increase security — such as guest network access — this 4G LTE card provides the fastest available speeds over the cellular network. The card provides seamless and trouble-free redundancy — the AP 8x32 automatically activates and de-activates the card as network interruptions come and go. And with backwards compatibility with 3G and 3.5G cellular networks, you're ensured of connectivity, even if the 4G network is not available.

ENVIRONMENTAL MONITORING SENSOR: AUTOMATICALLY CONSERVE POWER TO REDUCE COSTS AND CREATE A MORE "GREEN" ENTERPRISE

Imagine if you could monitor different types of information in your environment and use that data to automatically control business systems. With the Environmental Monitoring Sensor, you can. Just activate the Light Sensing feature to monitor the state of the lighting in your facility to automatically power down the AP 8x32 when no one is in the office. When lighting drops below the threshold you define, the AP 8x32 automatically enters low power mode. When lighting exceeds that threshold, the AP 8x32 automatically resumes standard power mode.

In addition, the sensor also captures three additional types of environmental data: motion, temperature and humidity. You can send this data to the application of your choice to act on the data. If you are using Motorola Solutions NX Integrated Services Platform Series to centrally manage your AP 8x32 access points, those applications can be hosted directly on the NX Series, providing a highly cost-effective sensing system. Armed with this environmental data, you can better meet "green" initiatives, improve security and reduce utility bills. For example, motion and lighting data can allow you to light signage in a retail store only when a customer approaches. Lighting and temperature data can be used to adjust the temperature at night once all workers have left the building, ensuring a comfortable environment for workers while still allowing your organization to conserve energy.

VIDEO MONITORING SENSOR: ALL THE ADVANTAGES OF VIDEO AT A LOWER COST

In the near future, AP 8x32 access points will allow you to implement video-based systems faster, easier and more cost-effectively than ever before — from surveillance to retail video analytics. Just connect an IP camera to the AP 8x32 via the USB port to transmit the video feed directly to your systems, eliminating the need for cable runs to the camera. AP 8x32 access points provide complete flexibility in camera placement, so you can always achieve the vantage point you need. If the view from the access point is perfect, the camera can be directly connected to the AP 8x32 USB port and placed inside the AP 8x32 Video Housing for protection. Alternatively, if the ideal viewpoint is a distance from the AP 8x32, the camera can be mounted in the best location and connected to the acces point via a USB cable. The result? A new low price point for video-based systems.

Get more from your Motorola AP 8X32 802.11ac access points with plug-and-play modules. For more information, please visit www.motorolasolutions.com/wlan or access our global contact directory at www.motorolasolutions.com/contactus

SPECIFICATIONS

PHYSICAL CHARACTERISTICS	AirDefense Wireless IPS Sensor	Environmental Monitoring Sensor
Dimensions	2.36 in. H x 1.67 in. W x 5.93 in. D 60 mm H x 42.5 mm W x 150.5 mm D	2.36 in. H x 1.98 in. W x 5.93 in. D 60 mm H x 50.3 mm W x 150.5 mm D
Weight	4.23 oz./120 grams	6.35 oz./180 grams
Housing	Plastic; plenum rated (UL2043)	Plastic; plenum rated (UL2043)
USER ENVIRONMENT		
Operating Temp.	32° F to 122° F/ 0° C to 50° C	-4° F to 158° F/ -20° C to 70° C
Storage Temp.	-40° F to 158° F/ -40° C to 70° C	-40° F to 158° F/ -40° C to 70° C
Operating Humidity	5 to 95% RH non-condensing	5 to 95% RH non-condensing
Electrostatic Discharge	15kV air; 8kv contact	15kV air; 8kv contact
RADIO SPECIFICATIONS		
Operating Frequencies	2412 to 2472 MHz; 5180 to 5825 MHz	N/A
Peak Antenna Gain	4.6dBi in 2.4 GHz band; 5.8dBi in 5 GHz band	N/A

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