

## EasyIO Wi-Fi Controller 8 points EasyIO-FW-8



The EasyIO-FW-8 is a new breed, high performance, freely programmable, wireless Wi-Fi Sedona controller. It has never been easier to extend your BMS because of its wireless possibilities. You will save on labor and wiring. The EasyIO-FW-8 is a perfect fit for vertical markets such as schools and retail, to have extended IO for the F-series controllers, without any downtime during installation as the network can be wireless. It's ideal for all kind of applications such as fan coils, terminal units, AHU's, room and stand-alone applications, featuring SOX, TCOM, FGP2P and BACnet communication protocols.

The EasyIO-FW-8 can be programmed and live commissioned via free CPT Tools and an integrated HTML5 dashboard. It has BACnet IP server, a BACnet MSTP client supporting up to four external BACnet server devices and two Ethernet ports for daisy chain connection wiring. Furthermore, it can also have the built-in Wi-Fi infrastructure connected at the same time as the Ethernet ports for network redundancy. Wired and wireless deployment is encouraged, so there is no need to worry about IT. The EasyIO-FW-14 includes 4 UI (voltage and resistance) and 4 x AO (Voltage). For floating control, the optional FR-02 module is available to add to the FW-8.

### Specification:

Power Supply	24VAC +/- 5% or 24V DC +20%/-15%
Consumption	500 mA
Operating temp	0 to 65 °C (32 to 150 °F)
Storage temp	-20 to 65 °C (-4 to 150 °F)
Operating humidity	10% to 70% relative humidity non-condensing
Dimensions	136 x 104 x 44 mm (L x W x H)
Material	UL Approved Plastic
Weight	350g

### Inputs & Outputs:

Universal Input	4xUI 12-Bit ADC (with PGA) <b>Voltage:</b> 0 ~ 10V DC (+/- 0,05V) <b>Resistance input:</b> 500 ohms to 500K ohms (+/-10 Ohm) <b>Thermistor Sensor:</b> 10K, 10K Shunt, 1K Balco, 1K Platinum: All (+/- 0.1 °C) <b>UI as DI:</b> Voltage Free Contact
Analog Output	4xAO 12-Bit DAC <b>Voltage:</b> 0~10V, Min Impedance 1000 Ohm

### Communication:

Physical Interface 1 (Port 1)	EIA-485 Two-wire, Half Duplex
BACnet Baud Rate:	Speed: (9.6K, 19.2k, 38.4K, 76.8K), Data Bit: (8 bits), Parity: (None)
WiFi	WiFi (802.11b/g/n)
Ethernet	2 Ethernet Ports 10/100M
Ethernet/WiFi Support	IP, TCP, UDP, ICMP, HTTP, FTP
Application Support	Sedona, BACnet MSTP Client, BACnet IP Server and Tcom

