

WEB I/O

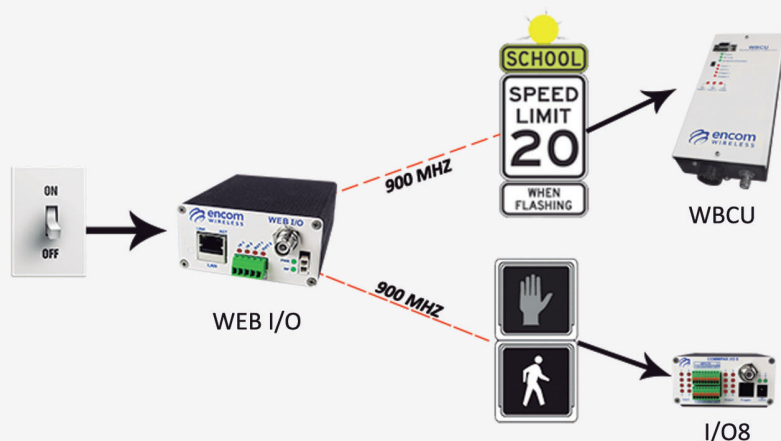
Ethernet Base Contact Closure

OVERVIEW

The ENCOM WEB I/O is designed as a robust and cost effective way to monitor and control critical assets by providing simple, rugged, and reliable wireless communications to enable the next generation of on/off public safety, industrial, and the “Internet of Things” (IoT) applications.

ENCOM’s WEB I/O provides bulletproof wireless communications; operating in mission critical applications and preventing traffic accidents when employed in commercial vehicle inspection stations, traffic signal pre-emption systems, and school-zone flashing beacon systems. ENCOM’s WEB I/O has the flexibility to be integrated with numerous applications, adding agility and flexibility to existing systems.

The ENCOM WEB I/O acts as a gateway between ENCOM I/O products (I/O4, I/O8, WBCU AND SBX) and an IP based LAN network so that users can monitor and control up to 254 remote units via its embedded web server Zone Watch software or Stratos Elite.



FLEXIBLE OPERATION, NUMEROUS APPLICATIONS

ENCOM’s WEB I/O is equipped with a “Real Time Clock” and a multi-events scheduler which leverages Zone Watch and Stratos Elite scheduling capabilities. These features, coupled with the ability to integrate into any vendor’s wireless network, low latency, and low power consumption for solar deployments make it the industry’s most robust solution for managing and monitoring contact closure applications in the Traffic, Water/Wastewater and Oil & Gas Sectors.

Other features include 900MHz ENCOM communications, 1 Watt transceiver, 2 input and output points and cellular options as well as seamless integration with ENCOM’s wireless broadband products and software.



KEY FEATURES

- + 2 Inputs and 2 Outputs
- + 900 MHz ENCOM Communications
- + 1 Watt transceiver
- + Cellular Options

KEY BENEFITS

- + Over 28 years of broad industry experience
- + Unparalleled software management tools
- + Scaleable and future proof technology platforms
- + Unequalled warranty and support programs
- + Easily defined and measurable ROI

APPLICATIONS

- + Intelligent Transportation Systems
- + Water/Waste Water Management
- + Utilities
- + Industrial SCADA
- + Private Networks

RADIO SPECIFICATIONS:		SOFTWARE SPECIFICATIONS:	
Frequency Range:	902-928MHz	ControlPAK <ul style="list-style-type: none">Radio configurationI/O MappingSpectrum analyzerRemote diagnostics and configuration	
Output Power:	1mW, 10mW, 100mW, 1000mW		
Software Programmable:	YES		
Available Hop Patterns:	64		
Number of RF Channels:	128		
RF Channel Spacing:	200KHz		
Error Checking:	16-bit CRC		
Encryption:	16 -bit		
Receiver Sensitivity / ER:	-110 dBm @ 10-6 BER		
System Gain:	145 dBm		
Antenna Port:	RP TNC-F		
Certification:	FCC, Industry Canada		
Operating Modes:	Transceiver		
System Configurations:	Point-to-Point, Point-to-Multipoint, Multipoint-to-Multipoint		
GENERAL SPECIFICATIONS:			
Input Power:	6-30 VDC		
Power Consumption:	Typical @ 24 VDC		
	Normal	Low Current Mode	Sleep Mode
Master	45 mA	9 mA	N/A
Repeater	76 mA	9mA	N/A
Remote	45 mA	9 mA	7.5 mA
Operating Environment:	-40°F to 76°F (-40°C to 80°C)		
Humidity:	0-95% non-condensing		
Enclosure Type:	Milled aluminum, black powder coat		
Warranty:	3 Years		

CANADIAN OFFICE

Toll Free: (800) 617-3487
 Phone: +1 (403) 230-1122
 #7 640 42nd Ave NE Calgary
 Alberta T2E 7J9
 Canada

USA OFFICE:

Toll Free: (800) 617-3487
 Phone: +1 (972) 885-5170
 3750 Arapaho Rd, Addison
 Texas 75001
 USA

Email: sales@encomwireless.com

**ENCOM Broadband radios require professional installation.*

Specifications subject to change without notice. Visit www.encomwireless.com for updates

© 2016 Encom Wireless, Inc. All Rights Reserved.