

VerifEye™ NEMA Communication Bundles

EMB Hub and EMB HubLite Bundles



A8810-PS1

A7810-PS1

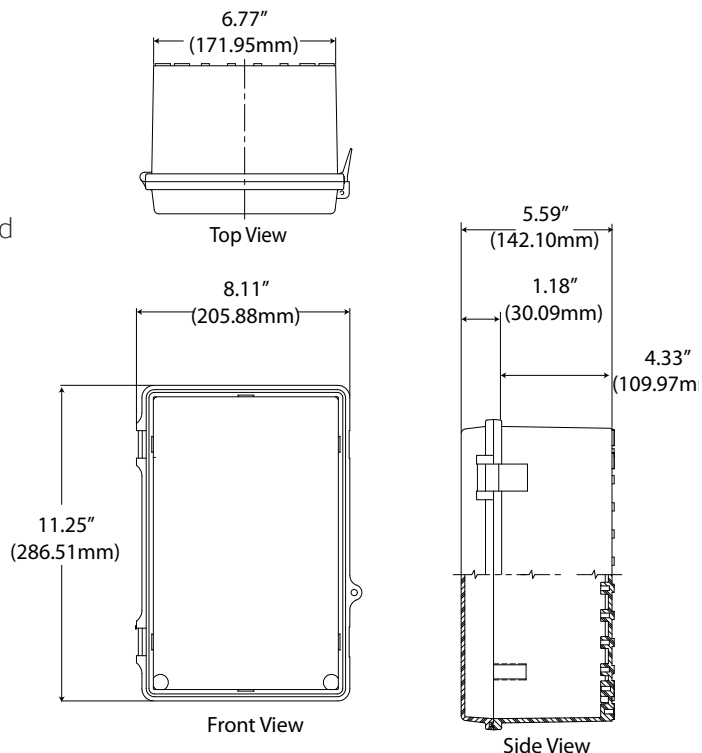
DESCRIPTION

Leviton VerifEye™ NEMA Communication Bundles combine VerifEye's Data Acquisition products into one enclosure for a Leviton-exclusive, all-in-one, communication solution for indoor use only. All VerifEye NEMA communication bundles have one part number and are factory pre-assembled for ease of ordering eliminating the need for field assembly.

COMMUNICATION BUNDLES

- (A7810-PS1) EMB HubLite communication bundle includes:
 - EMB HubLite
 - Line voltage DIN rail-mounted power supply
 - Wall brackets
 - NEMA 4X enclosure
- (A8810-PS1) EMB Hub communication bundle includes:
 - EMB Hub
 - Line voltage DIN rail-mounted power supply
 - Wall brackets
 - NEMA 4X enclosure

DIMENSIONS



SPECIFICATIONS	A7810	A8810
Processor	ARM 9 embedded CPU	
Operating System	Linux 2.6	
Memory	32 MB RAM	
Flash ROM	16 MB NOR Flash	
Interval Recording	1 to 60 minutes, user selectable (default 15 minutes)	
LEDs	Ethernet, Pulse (x4), power, alarm	Ethernet, Modbus TX/RX, power, alarm
Console	2 x 16 LCD character, two pushbuttons	
POWER		
Power Supply Input	0-304VAC, 50/60 Hz, 1.5 maximum at 90VAC, Class II, double insulated	
Isolation	RJ45 Ethernet is isolated to 1500VDC from the main board	
	Power input, pulse inputs and USB non-isolated	Power and USB non-isolated
COMMUNICATION		
Protocols	ModBus/TCP, TCP/IP, PPP, HTTP/HTML, FTP, NTP, XML, SNMP-Trap	ModBus/RTU, ModBus TCP, TCP/IP, PPP, HTTP/HTML, FTP, NTP, XML, SNMP-Trap
LAN	RJ45 10/100 Ethernet, full/half duplex, auto polarity	
INPUTS		
I/O	4x pulse inputs, dry contact, standard or KYZ, closure threshold 100 to 2.5K user selectable	Pulse input maximum rate
Pulse Rate	Pulse input maximum rate	
Storage	Pulse count values stored in non-volatile memory	—
Serial Port	—	RS-485 ModBus, supports up to 32 external devices (expandable)
PHYSICAL		
Weight	0.42lbs (0.19g)	
Size	4" x 4.25" x 2" (102mm x 108mm x 51mm)	
ENVIRONMENT		
North America	-13 to +159°F (-25 to +71°C), 20-90% RH, non-condensing	
Altitude/Pollution	2000M max, degree 2	
CODES AND STANDARDS		
Emissions	FCC CFR 47 Part 15, Class A, EN 61000, EN61326, CE; Power Supply: EN55022 Class A	
Safety	UL61010 recognized, EN 61010; Power Supply: UL60950-1, EN60950-1, evaluated to NEC NFPA70 Class 2 output per UL1310. CE	

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
A8810-PS1	Energy Monitoring EMB Hub with line voltage power supply, NEMA 4X enclosure
A7810-PS1	Energy Monitoring EMB HubLite with line voltage power supply, NEMA 4X enclosure