WEX-305 WEBB MINI EXCHANGE SERVER

TYPICAL APPLICATIONS

Elevator Emergency Communication Systems, Property Emergency Communication Systems, Property Intercom Systems

WEX-305-WM-4R

FEATURES

- Up to 10 external phone lines or SIP trunk ;
- Up to 100 internal phone lines for emergency phones or entryphones;
- Multiple concurrent calls;
- Line hunting for external lines
- All or group call capabilities;
- Key switch to silence audible alarms;
- Equipped with self-diagnostics;
- Simple local and remote programmability;
- Maintenance free;
- Includes 5 internal line base license.

Description: The WEX-305 acts as the central switch or controller for the WebbSafe 300 IP system and is responsible for all call-routing and monitoring the health of the network. Each WebbSafe-300 system requires at least one WEX-30x.

WEX User Interface:

The WEX-305 is responsible for handling call-routing and monitoring all the devices connected to the network. Its bilingual GUI provides access to a set of features such as: Access to IP Cameras (If available), Texting, Equipment Status and Event Logs.
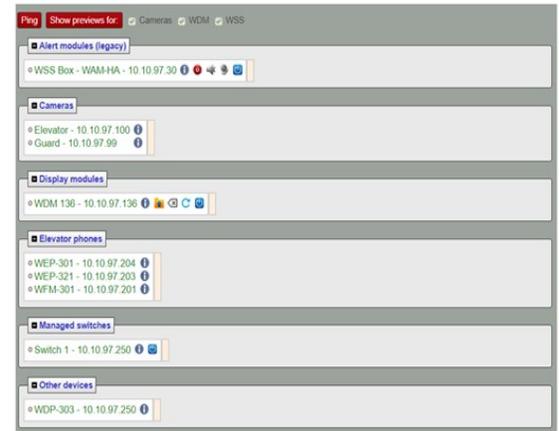
Webb based configuration page

Ordering Information

WEX-305-00	Exchange Module	Unhoused, 6"Wx6.5"Hx1.4"D
WEX-305-4R	Exchange Module + 4 Outputs (dry contact)	Unhoused, 6"Wx6.5"Hx2"D
WEX-305-WM-4R	Exchange Module + 4 Outputs (dry contact)	Housed, Wall mount, 8.3"Wx9.3"Hx3.1"D

WEBB ELECTRONICS

Specification:

Power:	POE or 12V - 2A, Max.48W
Communication:	SIP, Proprietary protocols over Ethernet
Buzzer:	80dB at 3m
Cable Usage:	Cat5
Port Requirement:	RJ45
Distance Between Connectors:	IEEE 802.3 Standard
Output:	4 NO or NC dry contact
Visual Indicators:	Normal, Silence and Alarm
Temperature:	0 - 60ºC
Certification/ Compliance:	ADA, FCC – Part 68, Industry Canada, ASME A17.1, CSA B44
Shipping Weight:	3.8lb, 1.7kg
Warranty:	2 years from date of purchase

Network and Security:

- IPv4/IPv6
- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- SRTP
- Transport Layer Security (TLS1.3)
- HTTPS certificate manager
- AES encryption for configuration file (AES256)
- Adb encryption authenticated
- Digest authentication using MD5/MD5-sess
- OpenVPN, IEEE802.1X, L2TP VPN
- WPA2/WPA3
- Secure boot
- GARP (Generic Attribute Registration Protocol)

Supplied and serviced by:

information may change without notice

WEBB ELECTRONICS

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