



# Emergency Audible Visual Alarm Siren

## ALM-Horn Series



The ALM-Horn series audible visual alarm siren has three model types, the standard version, the Wi-Fi version, and the RS-485 version.

ALM-Horn-BR is our standard version that has no communication function but provides a clear plastic upper cover, together with built-in red and blue LED lights, one channel digital signal input, and one channel digital signal output that can connect by dry contact relay to trigger the module.



Fire Alarm System



Building Automation



Security Automation



Machine Automation



Factory Automation



Machine Warning Message

### ALM-Horn-BR

#### Standard Version (Non-COMM.)

- Piezo Buzzer Output
- 4 Selectable Alarm Tones
- Maximum Sound Pressure Level of 120dB
- Water-clear Upper Cover with 8 Blue + 8 RED Ultra Bright LED
- Equipped with Dry Contact Input, N.O. or N.C. Mode is Selectable, Open Collector Output

### ALM-Horn-WF-BR

#### Wi-Fi Version

- Complies with the IEEE 802.11b/g/n Standards
- Support WEP\WPA and WPA2
- Conduct the Communication Detection and Module Configuration via Wi-Fi
- Support Modbus TCP and Remote Alarm Commands
- Support Access Point(AP, 1 Client)and Station(STA)

### ALM-Horn-MRTU-BR

#### RS-485 Version

- Support RS-485
- Support Modbus RTU and Remote Alarm Commands



portable monitoring



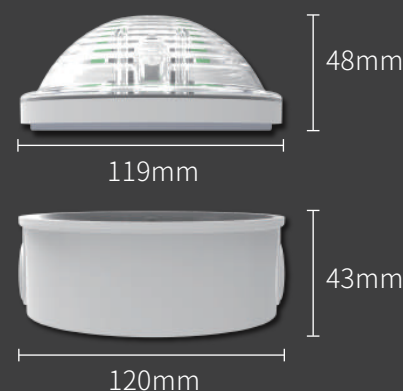
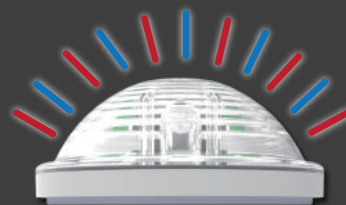
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**Order Information :**

■ ALM-Horn Series

■ EWB-C150 External Wall Box

Module	ALM-Horn-BR	ALM-Horn-WF-BR	ALM-Horn-MRTU-BR
<b>Alarm Output</b>			
Sound Pressure Level	120 ± 5 dB @10cm/3.0 KHz (W/O Waterproof Membrane)		
Volume Control	Four Tones Can Be Selected via DIP Switch		
LED	Water clear Upper Cover with 8 Blue + 8 RED UltraBright LED		
<b>Digital Input</b>			
Channels/Type	1 / Dry Contact		
Modes of Alarm Triggering	NC/NO Input Can Be Selected via DIP Switch		
Alarm Conditions	The Duration of Current State Exceeds 0.2 Seconds		
Photo-Isolation	3750 VDC		
<b>Digital Output</b>			
Channels/Type	1 / Open Collector (Sink)		
Max. Load Current	400mA		
Load Voltage	+3.5 VDC ~ +30 VDC		
<b>Wi-Fi Interface</b>			
Interface	-	Wi-Fi 2.4 GHz	-
Standard Supported	-	IEEE 802.11b/g/n	-
Wireless Mode	-	Station & AP (1 Client)	-
Encryption	-	WEP, WPA and WPA2	-
Communication Protocols	-	Modbus TCP	-
<b>RS-485 Interface</b>			
Parity/Data bit/Stop bit	-	-	None/Odd/Even, 8, 1/2
Baud Rate	-	-	300 ~ 115200 bps
Communication Protocols	-	-	Modbus RTU
<b>LED Indicators</b>			
Power/Status	Dual LED Colors, Blue For System Status, Red for Alarm Status		
<b>Mechanism</b>			
Dimensions (ΦxH)	119 mm x 48 mm		
Installation Methods	Panel Mount/ Wall Mount (Optional EWB-C150 Box is Available)		
IP Code	IP43		
<b>Power Requirements</b>			
Input Voltage Range	12 ~ 48 VDC with Reverse Protection (Vin to GND)		
Consumption	0.4 W Active.	0.7 W Standby.	0.48 W Standby.