



# Detcon Model AV1-N4X

ISO 9001: 2000  
Certified

888-367-4286  
281-367-4100  
fax 281-292-2860

www.detcon.com  
sales@detcon.com

**Non-Hazardous Duty  
Alarm Station  
NEMA 4X  
Weatherproof**

## Description

Detcon Model AV1-N4X audio visual alarm stations are designed for installation and use in light industrial environments. The alarm station consists of a warning light and siren. The warning light can consist of any dome color such as amber, blue, clear, green, or red. The audible alarm is capable of producing coded blasts or sustained tones. Model AV1-N4X alarm assemblies are specifically designed for non-hazardous general purpose locations or environments where a very bright visual and high decibel alarm signal is required. The high-intensity strobe light provides 60-80 flashes per minute. The siren produces a noise level of 99dba @ 10 feet. The light is UL listed and CSA Certified and meets Type 4X watertight, dust-tight requirements. The siren is UL listed and CSA Certified.

Model AV1-N4X alarm components are pre-assembled and packaged in a NEMA 4X raintight enclosure. Overall dimensions are 13.5"H x 7.3"W x 6.5"D.



## Ordering Information

978-13  000-0

<b>Color of Strobe</b>	—	7 - VAC	┌	<b>Voltage</b>
2 - Red	6 - Blue	8 - VDC	└	1 - 12 VDC
4 - Amber	9 - Clear			2 - 24 VDC
5 - Green				3 - 120 VAC
				4 - 240 VAC

## Light Specifications

**Voltage:** 12VDC, 24VDC,  
120VAC 50/60HZ, 240VAC 50/60HZ  
**Mount:** 1/2" Pipe  
**Operating Current:**  
0.44 Amps at 12VDC, 0.22 Amps at 24VDC  
0.10 Amps at 120VAC, 0.07 Amps at 240VAC  
**Dome Colors:** Amber, Blue, Clear, Green, Red  
**Operating Temperature:** -31°F to 150°F  
**Light Source/Lamp Style:** Strobe Tube  
**Lamp Life:** 7,000 Hours  
**Candle Power Peek:** 175,000  
**Flash Rate/Minute:** 60-80  
**Joules per Flash:** 1.75  
**Intensity Candela:** 40 Amber, 20 Blue, 50 Clear, 20 Green, 10 Red  
**Enclosure Rating:** Type 4  
**Approvals:** UL Listed, CSA Certified, CE Pending  
**Dimensions:** 5"H x 3"Diameter  
**Warranty:** 1 Year

## Siren Specifications

**Voltage:** 12VDC, 24VDC,  
120VAC 50/60HZ, 240VAC 50/60HZ  
**Mount:** Surface / Panel  
**Operating Current:**  
0.50 Amps at 12VDC, 0.25 Amps at 24VDC  
0.18 Amps at 120VAC, 0.09 Amps at 240VAC  
**Temperature Rating:** -65°F to +150°F  
**Sound Output:** 99db @ 10 feet, 109dB @ 1 meter  
**Enclosure Rating:** Type 4  
**Approvals:** UL Listed, CSA certified, FM Approved  
**Height:** 4 in.  
**Width:** 4 in.  
**Depth:** 2.5 in  
**Warranty:** 1 Year

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