

# 25 Watt IEC/ATEX Speakers

13381-001 to 13381-004, 13381-102

To further enhance the current 13380 series of loudspeakers and better serve our global customers, GAI-TRONICS now offers **25w IEC** and **ATEX** units.

As with the existing UL/ULC versions, the speakers are available as 8 ohm, 16 ohm, 70v and 100v versions. The speakers carry a global weather rating of IP66 together with Zone 1 approval to:

- ◆ **IEC (International)**
- ◆ **ATEX (European Union)**
- ◆ **INMETRO (Brazil)**
- ◆ **GOST-R**

These new additions are easily identified in red\* and available as Exd, and (on request) Exde versions.



Part#	Description
13381-001	8 ohm . . . . . 25 watt
13381-002	16 ohm . . . . . 25 watt
13381-003	70V . . . . . 25 watt
13381-004	100V . . . . . 25 watt
*13381-102	16 ohm . . . . . 25 watt

## Specifications

### Audio:

Rated power . . . . . 25w RMS  
SPL . . . . . 105dB +/-3dB @ 1w @ 1m - Pink noise  
119dB +/-3dB @ 25w @ 1m  
Transformer version (70/100v) tapings . . . . . 25w / 12.5w / 6w / 2w  
Impedance version . . . . . 8 Ohm or 16 Ohm  
Dispersion . . . . . 130° @ 1kHz & 32° @ 4kHz  
Frequency range . . . . . 300Hz to 8000 Hz

### Approvals:

II 2 G Ex d IIB or IICT4 Gb  
II 2 D Ex tb IIIC T100 °C or T115 °C Db  
GOST-R:  
1ExdIICT4 Ta -50° C to +70° C  
KEMA Certificate number: 99ATEX6312  
INMETRO Certification #10-1Ex-0009

### Mechanical:

Weatherproof: . . . . . IP66/67  
Enclosure: . . . . . Marine grade copper free LM6 aluminum,  
phosphated and powder coated finish  
for high resistance to humidity and salt spray  
Horn Flare: . . . . . High impact UL94 V0 & 5VA FR ABS  
Color: . . . . . Red (RAL3000),  
. . . . . \*Black  
Weight: . . . . . 70/100v line: 3.95kg / 8.7lbs;  
Low impedance: 3.56kg / 7.9lbs  
Cable entries: . . . . . Dual M20 (One Stopping Plug Included)

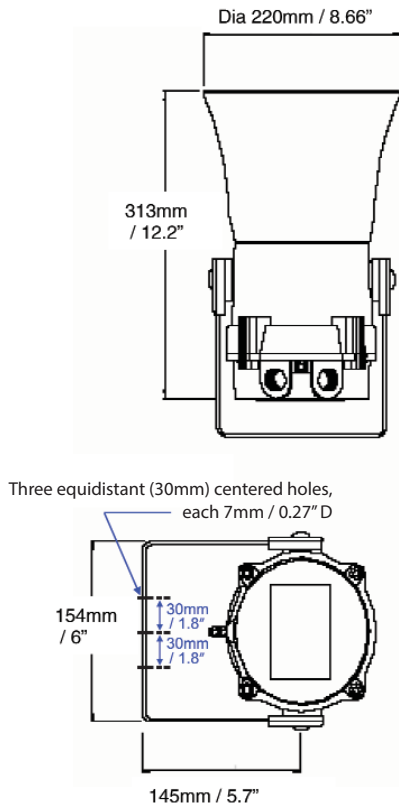
### Environmental:

Operating temperature . . . . . See Approvals  
Storage temperature . . . . . -50 to +70° C / -58 to 158° F

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**Dimensional Drawing**



**Polar Plot**

