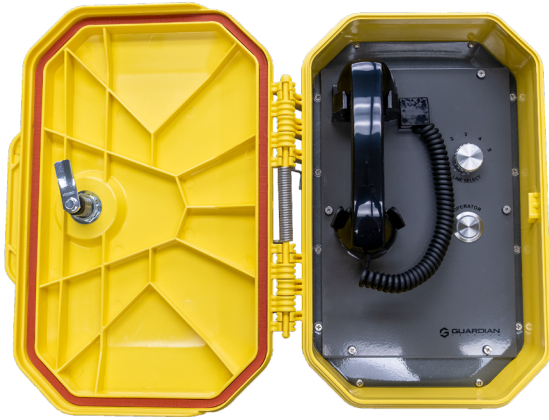


# PTO In2iT SERIES

## Page Talk Outdoor



In2iT Page/Talk Outdoor (PTO) Handset Station



### In2iT RANGE

The In2iT Range is Guardian Telecom's next generation In-Plant Communications platform with the latest technology and easy to use, rugged communication equipment to solve In-Plant Paging concerns while maximizing integration options and easing implementation costs.

### PTO In2iT SERIES

Guardian Telecom's In2iT Page Talk Outdoor Zone 2 Stations provide easy to operate paging with the versatility of five intercommunication talk lines for two or more people. The stations feature continuous real time self-diagnostics and the flexibility of monitoring external devices via four optically isolated inputs when used with Guardian Telecom's In2iT In-Plant Communications platform.

Designed for use for indoor and outdoor harsh environments where an IP-66 weather rating is required and features a IECEx Zone2 hazardous environmental certification.

### FEATURES and BENEFITS

- 5 Independent talk lines are standard
- Microprocessor controlled for increased functionality and configurability
- Real time continuous self-monitoring / diagnostics to reduce maintenance costs
- 30w integrated paging amplifier
- 4 Optical inputs for local device monitoring
- 2 Dry contact outputs for connection to external devices (i.e., beacon, door locks)
- Operator direct call button with multi-color device status indicator lets you know if station is powered and active, in page mode, or in a fault state condition
- Large 35mm controls for ease of use when wearing work gloves
- Wide range power input: 90VAC – 250VAC: 50/60Hz
- Noise cancelling microphone in handset
- Standard ambient noise sensor adjusts paging output levels automatically as needed
- Dimpled drill guides for up to 6 one-inch glands
- Outdoor models are fully gasketed
- Faceplates are easily interchangeable

### APPLICATIONS

The In2iT system is designed to provide in plant communications, paging and alarm monitoring in harsh environments that are subject to moisture, dust and corrosive chemicals such as:

Mines  
Chemical Plants  
Refineries  
Drilling Rigs  
Defense Installations  
Cement Plants  
Bulk Loading Stations  
Pulp & Paper Mills

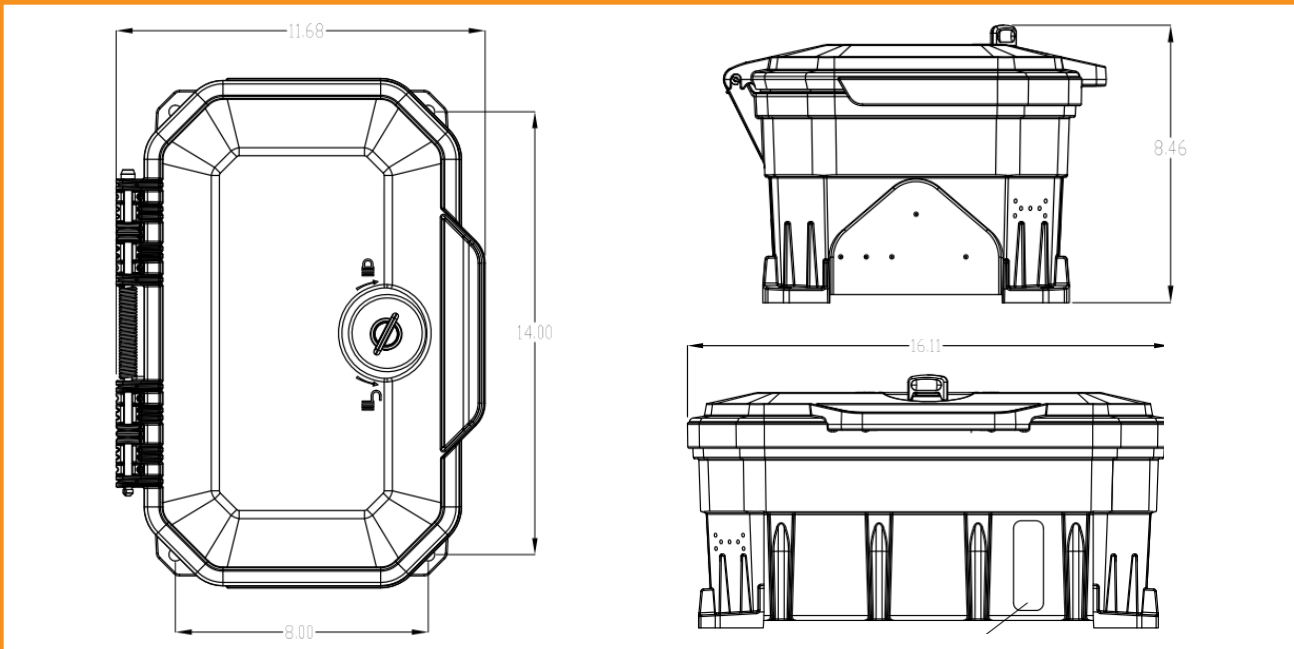
Grain Processing and Similar Industries  
Power Generation Facilities  
Fertilizer Plants  
Food Processing Plants  
Sewage Plants  
Construction Sites  
Breweries & Distilleries  
Pharmaceutical Plants  
and more . . .



**tough. trusted. true.**



## OVERALL DIMENSIONS



PTO - In2iT SERIES Palk Talk Outdoor Zone 2 Stations

## ENGINEERING SPECIFICATIONS

### ELECTRICAL REQUIREMENTS

|                                 |                                 |
|---------------------------------|---------------------------------|
| Input Voltage:                  | 90VAC – 250VAC; 50/60 Hz        |
| Current (Nominal):              | <500 mA                         |
| Current (In-Rush):              | 0.5A @ 120VAC<br>0.25A @ 220VAC |
| Optical Input 1 -4:             | 1mA nom                         |
| Dry Contact Relays (Non-Fused): | 3A @ 120 VAC                    |
| Fuse:                           | 4 A                             |

### SPEAKER AMPLIFIER

|                             |                                      |
|-----------------------------|--------------------------------------|
| Amplifier Max Output Power: | 30 W                                 |
| Amplifier Gain:             | Configurable gain: 20, 26, 32, 36 dB |
| Frequency Response:         | 300 – 3400 Hz                        |
| Total Harmonic Distortion:  | <1.0% Max @ 1KHz                     |

### MECHANICAL SPECIFICATIONS

|  |  |
|--|--|
| Body Construction:                         | Thermo plastic resin                           |
| Faceplate Construction:                    | Powder coated, corrosion protected CRS         |
| Net Weight:                                | 13 lbs [5.9 kg]                                |
| Overall Mechanical Dimensions (L x W x D): | 16.0" [406mm] x 11.7" [297mm] x 8.46" [215 mm] |
| Shipping Weight:                           | 15 lbs [6.8 kg]                                |
| Shipping Dimensions (L x W x D):           | 20.0" [508mm] x 15" [381mm] x 12" [305 mm]     |

\* Contact Guardian for details for connection to external device inputs for monitoring.

\*\* Stations can be direct wired to legacy Guardian systems however the systems control frame is necessary to take advantage of the monitoring and automation.

### ENVIRONMENTAL

|   |                              |
|---|------------------------------|
| Outdoor Unit Weather Rating:              | IP-66                        |
| Operating Temperature (Normal Locations): | -40C to +70C (-40F to +158F) |
| Humidity:                                 | 0-95% RH non-condensing      |

### COMPLIANCE / CERTIFICATIONS

|                         |                 |
|-------------------------|-----------------|
| IECEX                   | Zone 2          |
|                         | II 3G EX e T5   |
|                         | II 3D Ex e IIIC |
| UV Protect/Fire Rating: | -40C<=Ta<=+60C  |
|                         | UL -V0          |

### ORDERING INFORMATION

Warranty: Five year parts and labor

| Order No. | Description       |
|-----------|-------------------|
| P6722     | Five Line Station |

Distributed by:



GUARDIAN TELECOM LTD.  
Calgary, Alberta, Canada  
Telephone: 403 258 3100 Facsimile: 403 255 2595  
1 800 363 8010 (North America)  
info@guardiantelecom.com | www.guardiantelecom.com

