THUNDER
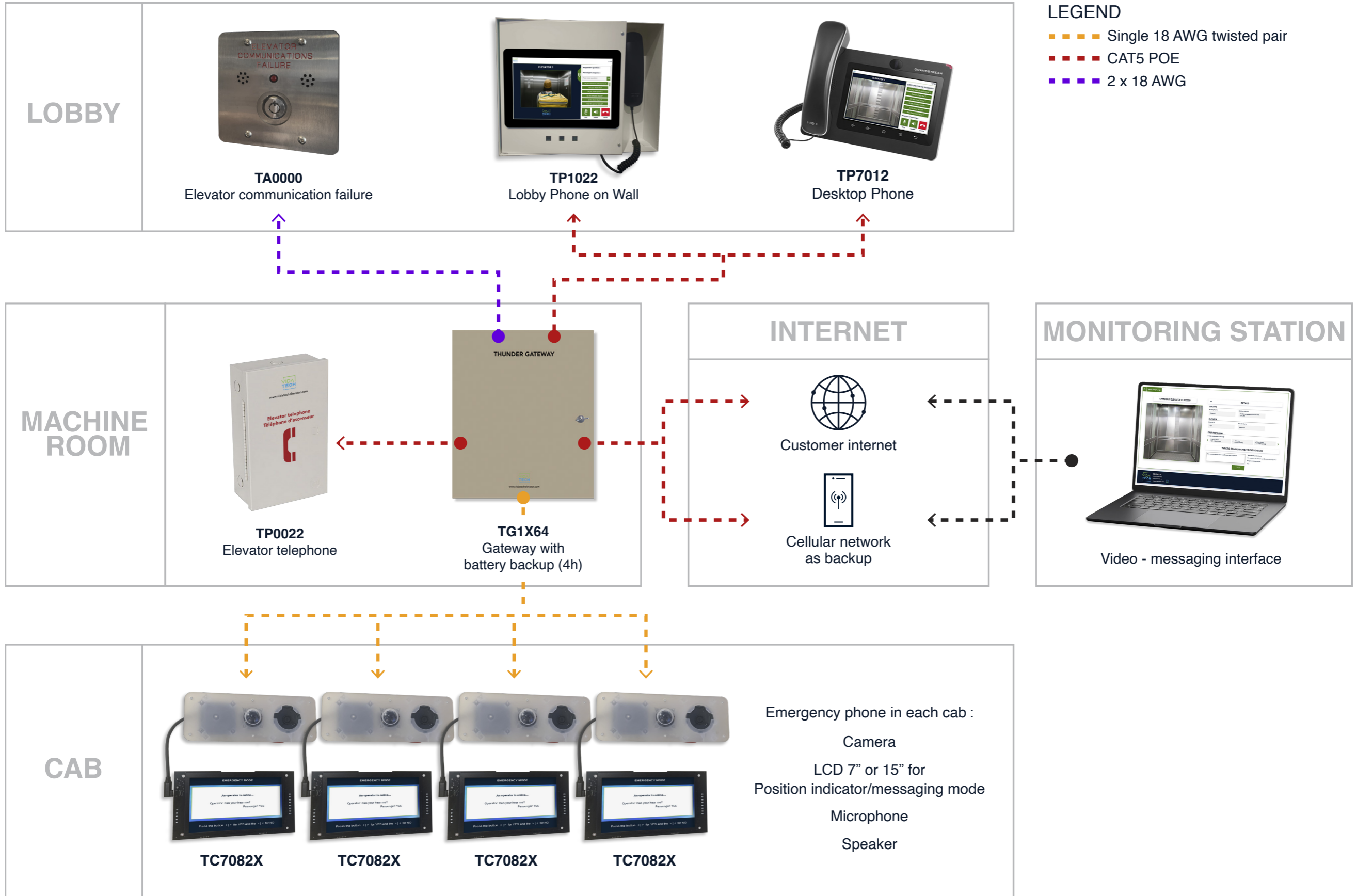
Products for emergency elevator communications

INSTALLATION OF EMERGENCY KIT

LEGEND

- – – – Single 18 AWG twisted pair
- – – – CAT5 POE
- – – – 2 x 18 AWG

LOBBY

TA0000
Elevator communication failure

TP1022
Lobby Phone on Wall

TP7012
Desktop Phone

MACHINE ROOM

TP0022
Elevator telephone

TG1X64
Gateway with
battery backup (4h)

INTERNET

Customer internet

Cellular network
as backup

MONITORING STATION

Video - messaging interface

CAB

TC7082X   **TC7082X**   **TC7082X**   **TC7082X**

Emergency phone in each cab :

Camera

LCD 7" or 15" for
Position indicator/messaging mode

Microphone

Speaker

VIDATECH THUNDER, THE SIMPLEST SOLUTION

WHY WORK WITH VIDATECH ?

- Fast client bilingual support
- Engineering and design made internally
- Assemble and tested internally
- Telecommunications expert for better support
- Stand-alone network solutions for peace of mind
- Independent responder platform: No infrastructure required
    - Connect with a link via SMS
    - Connect with a link via email
    - Connect with a 6-digits ID

ADVANTAGES OF THUNDER :

SIMPLE DEVICE CABLING

- No external converter or Ethernet switch required
- Twisted pair or CAT5 for every device
- Centralized battery backup

EASY CONFIGURATION

- Minimum training required
- Dipswitch configurable
- Touchscreen on gateway and Lobby panel for configuration/diagnostics
- Static IP address not required
- Isolated LAN for emergency communication system
- Web configurable with cloud data provisioning
- Bounce-back solution via cellular network available
- No analog line required

SECURITY

- Isolated Network with a firewall
- Encrypted firmware
- Secured building identification
- Locked gateway

MONITORING SERVICES : SELECTED FOR NEEDED SERVICES

- VoIP line
- Monitoring station
- Email/SMS alert on system error
- Visual resources web update
- Building/Product configuration
- Cellular fallback

THUNDER TC4340X

Emergency phone in cab

EMERGENCY MODE

An operator is online...

Operator: Can your hear me?
Passenger: YES

Press the button < | > for YES and the > | < for NO

Features

- ADA, ASME A17.1-2019/CSA B44:19 compliant.
- Self-diagnostic as required per code.
- Upgradable remotely or with USB drive.
- Camera code compliant with entire floor view.
- Easy installation camera in COP: one cable for audio, microphone and video.
- External PoE port available as an option.
- Dipswitch configurable.
- Full-duplex VoIP.
- 4.3" color LCD.

TO ORDER :

TC4340X

Ethernet switch
" ": None
"S": With switch

THUNDER TC7082X
Emergency phone in cab

Emergency call 7"display mode

EMERGENCY MODE

An operator is online...

Operator: Can your hear me?

Passenger: YES

Press the button < | > for YES and the > | < for NO
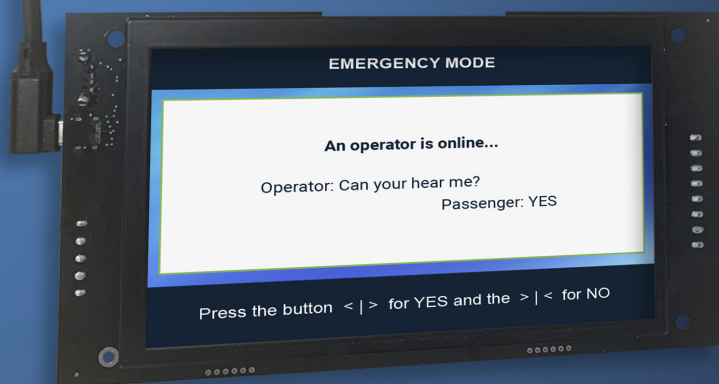
Position indicator 7"display mode

Product features

▪ ADA, ASME A17.1-2019/CSA B44:19 compliant.

▪ Easy installation camera in COP: one cable for audio, microphone and video.

▪ Camera code compliant with entire floor view.

▪ External PoE port available as an option.

▪ Power and ethernet communication by the standard 18/20AWG twisted pair for phone.

▪ Self-diagnostic as required per code.

▪ Upgradable remotely or with USB drive.

▪ Dipswitch configurable.

▪ Full-duplex VoIP.

▪ 7" color LCD.

▪ LCD position indicator.

▪ Voice annunciator.

VIDA TECH

TO ORDER :

TC7082X

Ethernet switch
" ": None
"S": With switch

THUNDER TC1082X
Emergency phone in cab

Emergency call 10"display mode

Position indicator 10"display mode

Product features

- ADA, ASME A17.1-2019/CSA B44:19 compliant.
- Camera code compliant with entire floor view.
- Easy installation camera in COP: one cable for audio, microphone and video.
- External PoE port available as an option.
- Full-duplex VoIP.
- 10" color LCD.
- LCD position indicator.
- Advertising/Announcement display.
- Voice annunciator.
- Self-diagnostic as required per code.
- Upgradable remotely or with USB drive.
- Customizable graphics via web platform.
- Dipswitch configurable.

TO ORDER :

TC1082X

Ethernet switch
" ": None
"S": With switch

THUNDER TC1582X
Emergency phone in cab

Emergency call 15"display mode

Position indicator 15"display mode

Product features

- ADA, ASME A17.1-2019/CSA B44:19 compliant.
- Camera code compliant with entire floor view.
- Easy installation camera in COP: one cable for audio, microphone and video.
- External PoE port available as an option.
- Full-duplex VoIP.
- 15" color LCD.
- LCD position indicator.
- Advertising/Announcement display.
- Voice annunciator.
- Self-diagnostic as required per code.
- Upgradable remotely or with USB drive.
- Customizable graphics via web platform.
- Dipswitch configurable.

TO ORDER :

TC1582X

Ethernet switch
" ": None
"S": With switch

THUNDER TP0022
Lobby phone

Features and Benefits

- Full-duplex VoIP.
- Video communication with cabin.
- Powered by PoE (4 hours backup).
- Self-diagnostic as required per code.
- Text messaging with cabin.
- Web provisioning.

TO ORDER :

TP00X2

Mechanical integration
"1" : OEM
"2" : Surface Mount

THUNDER TP7012
Desktop phone

Features and Benefits

- Full-duplex VoIP.
- Video communication with cabin.
- Text messaging with cabin.
- Display all cabin cameras.
- 7" touchscreen LCD display.
- Hands-free mode supported.
- Powered by PoE or external source.
- No configuration required.

THUNDER TP10X2
Lobby phone

ELEVATOR 1

Responder's question :

Passenger's response :

Type your question

Do you need an ambulance ?
Can you hear me ?
Do you need police ?
Is the elevator stuck ?
Is the door stuck ?
Has the power failed ?

Mute   Speaker   Decline

Features and Benefits

- Full-duplex VoIP.
- Video communication with cabin.
- Text messaging with cabin.
- Display all cabin cameras.
- 10.1" touchscreen LCD display.
- Powered by PoE (4 hours backup).
- Dipswitch and web configurable.
- Upgradable remotely or with USB drive.
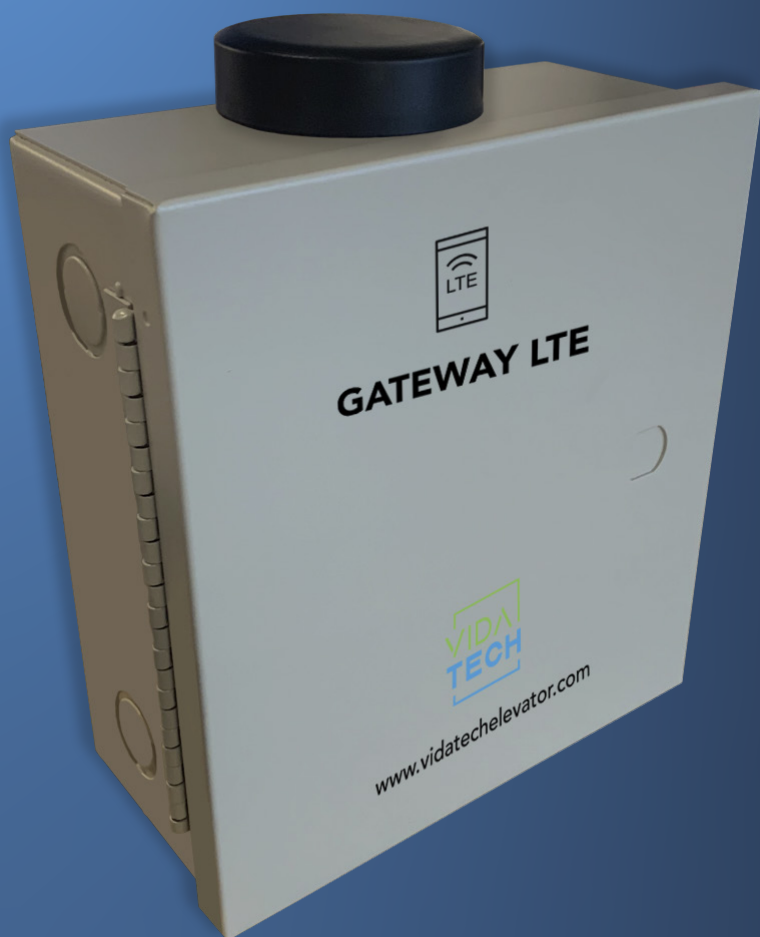- Self-diagnostic as required per code.
- Lockable door.

TO ORDER :

TP10X2

Mechanical integration
"1" : OEM
"2" : Surface Mount
"3" : Flush Mount

THUNDER TR002X
Modem LTE

Features and Benefits

- ASME A17.1-2019/CSA B44:19 compliant.
- Allows installation without customer-provided ETH.
- Seamless WAN-to-Cellular transfer.
- POE - powered.
- Lockable door.
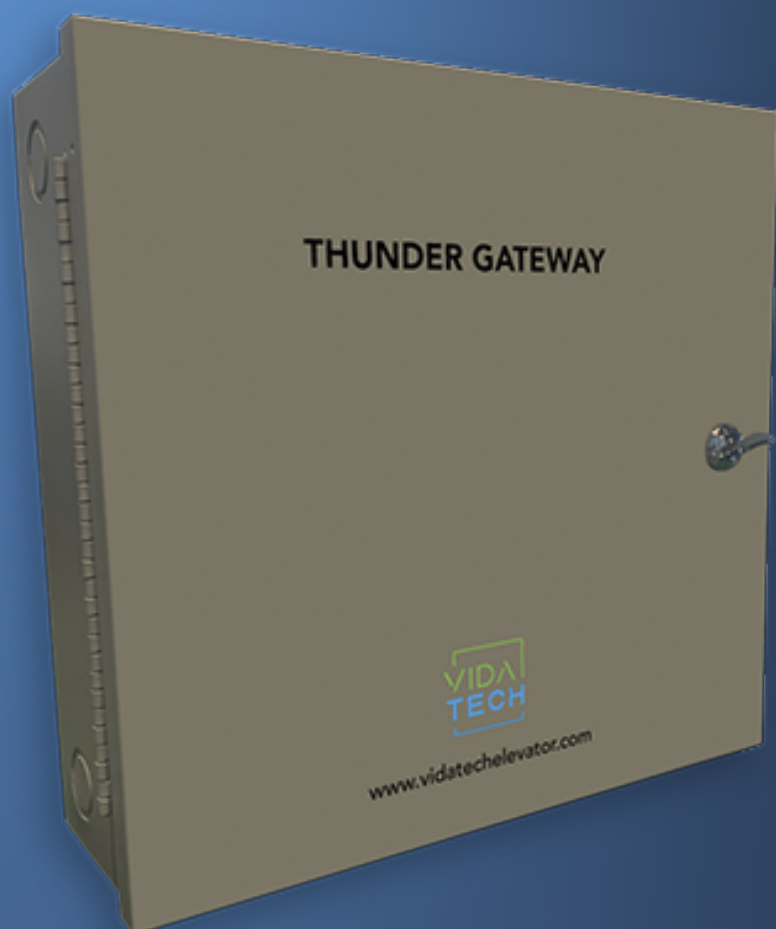- Subject to monthly - fees.

TO ORDER :

TR002X

Mechanical integration
"2" : Surface Mount Enclosure

Antenna
"1": Puck Antenna

THUNDER TG1X32
Gateway

Features and Benefits

- ASME A17.1-2019/CSA B44:19 compliant.
- Includes 4h+ of battery backup.
- Available for 2 cabins configuration.
- Available with 3 POE Ethernet ports.
- 4.3" color LCD.
- Constantly diagnoses system state.
- Lockable door.

- Multiple Configuration Methods:
  - Through 4.3" touchscreen;
  - Through Web platform;
  - Through USB drive.

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917 Mgr Grandin, Suite 304B
Quebec City
Quebec, Canada
G1V 3X8
1 418 476-4802
info@vidatech.ca

TO ORDER :

TG1X32

| Battery "1": With | Supervisor "0": without "1": with | Number of RJ45 POE ports "3" | Number of elevators "2" |

THUNDER TG1X64
Gateway

THUNDER GATEWAY

VIDA TECH

www.vidatechelevator.com

Features and Benefits

- ASME A17.1-2019/CSA B44:19 compliant.
  - Includes 4h+ of battery backup.
  - Available for 4 cabin configuration.
  - Available with 4 POE Ethernet ports.
  - Available with 2 Ethernet ports.
  - 4.3" color LCD.
  - Constantly diagnoses system state.
  - Lockable door.

- Multiple Configuration Methods:
  - Through 4.3" touchscreen;
  - Through Web platform;
  - Through USB drive.

TO ORDER :

TG1X64

Battery	Supervisor	Number of	Number of
"1": With	"0": without	RJ45 POE ports	elevators
	"1": with	"6"	"4"

THUNDER TA0000

Elevator communication failure
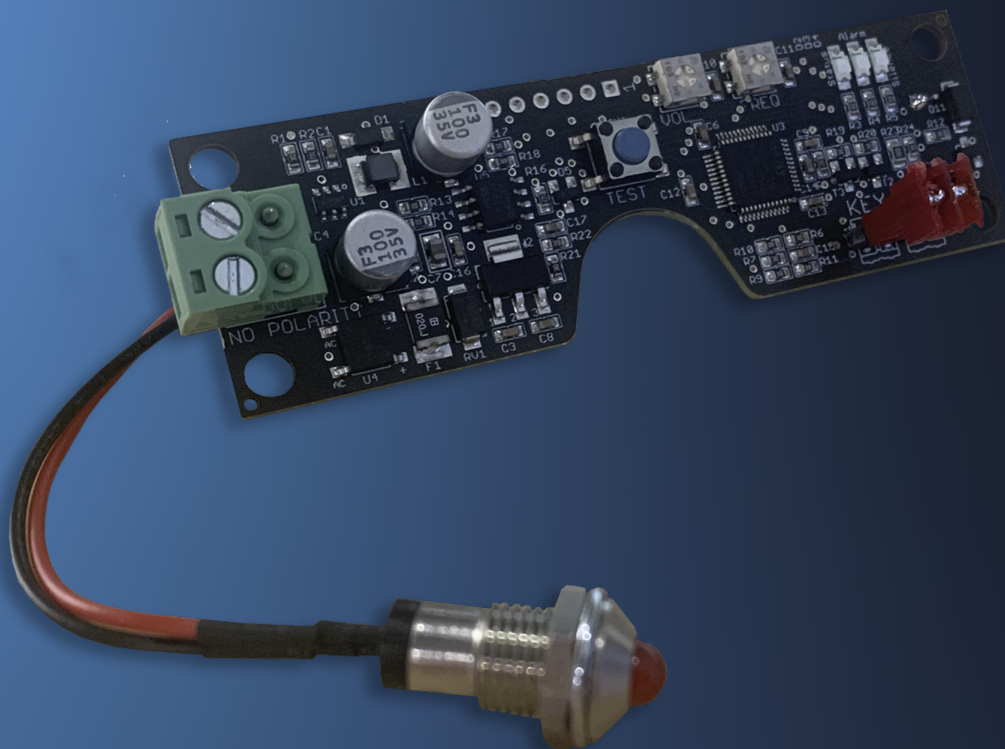
Features and Benefits

- Audible buzzer for system fault.
- Visual indication of system fault.
- Possibility to silence audible alarm.
- LED indicator included.
- ASME A17.1-2019/CSA B44:19 compliant.

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