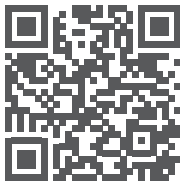


Lift Machine Room



SCAN ME  
To access product  
page on your tablet  
or smart phone

Do NOT connect V+ from 181Mu  
Station Bus → Fire Evac Stations

3-Wire (STP) → (DT, SIG, 0V Only)

Lift Master Controller

PN: EM-181Mu

Machine Room Station

PN: EM-181/SK

Lift Car

Top of Car Station

PN: EM-181/SK

Lift Car Station

PN: EM-181/S or SLX

Lift Pit

Pit Station

PN: EM-181/SK

Fire Evacuation Control

System Battery Backup

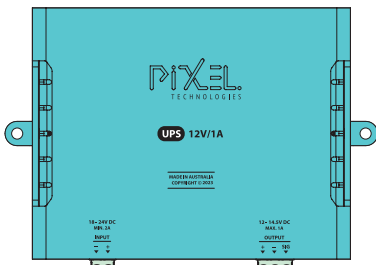


3 Hours Talk Time

Battery replacement required  
3 years from install date

UPS: 12V DC, 1A (max)

PN: EM-181/UPS



18-24V DC  
Input Voltage

UPS DC Supply  
to 4-wire Bus  
(V+ and 0V)

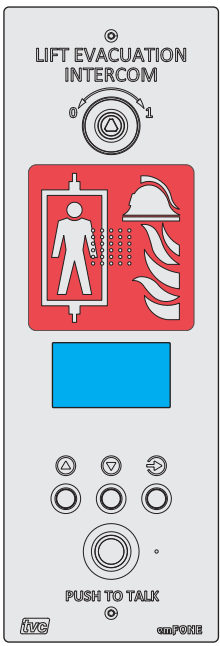
Fire Evac Master

PN: EM-181/FM  
Supports up 99  
EM-181/FS Evac  
Stations

Please reference  
Operational Instruction  
included with the  
product.

8Ω Speaker

Microphone



EM-181/FM  
PCB View

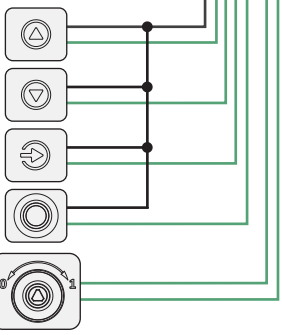
Scroll Up

Scroll Down

Menu Select

Push-to-Talk

Key Switch  
FSAL Mode  
OFF ↔ ON



EM-181/UPS required  
for every 8 EM-181/FS  
Landing station

Level 8

Level 7

Level 6

Level 5

Level 4

Level 3

Level 2

Level 1

Fire Evac Station(s)

PN: EM-181/FS

CABLE  
LEGEND

DC Power



StationBus  
3-Wire (STP)



StationBus  
(4 core STP)



PixelBus Recommended Cable:  
20AWG/0.5mm² STP  
Belden 9402 or equivalent



Keep away from high voltage  
wiring & DC & VF drives



em-181 Fire Evacuation  
System Overview Diagram

Designed By:  
D.H

Date:  
03/05/23

Revision:  
1.0.2318.0

Sheet:  
1/1