

Emergency Communication Gateway

TECHNICAL SPECIFICATIONS



OVERVIEW

The Liftcom PC-222 is a POTS replacement gateway designed to provide reliable emergency telephone communication for elevators and other life safety applications. The device supports VoIP communication, alarm signaling, and is permitted under NFPA 72 for fire and life safety use, including elevators.



GENERAL SPECIFICATIONS

Model	PC-222
Type	POTS Replacement Gateway
Dimensions (W x H x D)	230 mm x 143 mm x 68 mm
Enclosure	Metal
WAN Ports	2
WAN (PoE)	48V / 24V / 12V
Wi-Fi	Yes
WAN over Wi-Fi	Yes
LAN Ports	2
FXS (Telephone) Ports	2
Power Input	24V DC
Power Supply (Included)	24V (3 meter)
Mounting	Mounting screws (included)



FEATURES

- LCD Display
- LCD On/Off Button
- LED Indicator Lights
- On/Off Button
- Reset Button
- Dry Contact Interface



BATTERY SPECIFICATIONS

Battery Type	Li-Ion
Battery Specs	8 Cells - 40Ah
Standby Time	24+ Hours
Replaceable	Internal Battery



REGULATORY AND COMPLIANCE

- Permitted under NFPA 72 (National Fire Protection Association)
- HIPAA Compliant
- PCI Compliant
- FCC Compliant
FCC ID: 2B0N3-PC222
- UL Listed
(UL Standard and File Number: Pending Confirmation)
- Approved for Fire/Life Safety applications, including elevators and alarm systems
- Tested and extensively accepted by leading fire and burglar panel manufacturers



CAPABILITIES

Voice (VoIP)	Yes
Alarm (VoIP)	Yes
Alarm XMTR	Yes
Elevator	Yes
FAX (T.38)	Yes
FAX XMTR (Store & Forward)	Yes
Modem (MoIP)	Yes

Industrial Cellular Router

TECHNICAL SPECIFICATIONS



OVERVIEW

The Liftcom IR302 is an industrial-grade cellular router that provides secure and reliable 4G LTE connectivity for elevator emergency communication and monitoring applications. The router is designed for industrial environments and supports dual SIM cards, multiple network interfaces, and wide input voltage range for flexible installation.



GENERAL SPECIFICATIONS

Model	IR302
Manufacturer	InHand Networks
Part Number	FQ38-IO
Dimensions (W x H x D)	110 mm x 100 mm x 27 mm
Enclosure	Metal (IP30)
Mounting	DIN Rail or Wall Mount
Weight	~0.5 kg (typical)
Operating Temperature	-25°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	5% to 95% (non-condensing)



NETWORK INTERFACES

Ethernet Ports	2 x 10/100 Mbps (RJ45)
Serial Interface	1 x RS232/RS485 (terminal block)
Digital I/O	1 x DI, 1 x DO (terminal block)
Console Port	1 x Console (RJ45)
Wi-Fi	Not supported (on this model)



CELLULAR SPECIFICATIONS

Cellular Technology	4G LTE Cat 4
LTE Bands (FQ38)	See InHand FQ38 specification for full list
Max. Download Speed	Up to 150 Mbps (theoretical)
Max. Upload Speed	Up to 50 Mbps (theoretical)
SIM Cards	Dual Nano-SIM
Antenna Connectors	2 x SMA (cellular)
Carrier Compatibility	Supports major carriers (Verizon, AT&T, etc.)



POWER SPECIFICATIONS

Input Voltage	9 – 36V DC
Input Current	0.6 – 0.15A
Power Consumption	Typical < 6W



REGULATORY AND COMPLIANCE

- FCC Compliant
- CE Compliant
- RoHS Compliant
- RCM Compliant
- UL Listed (UL File Number: Pending Confirmation)
- Designed by InHand Networks
- Made in Thailand