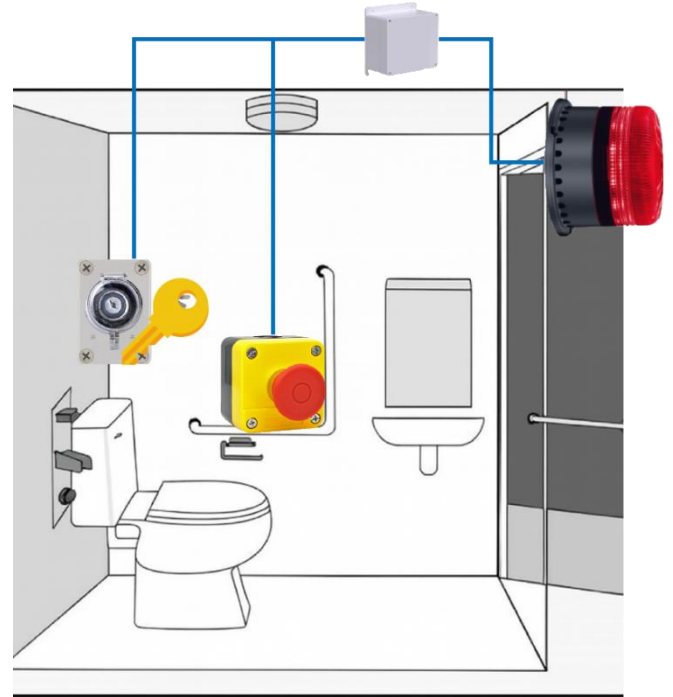


Call Bell System

The Toilet Call Bell System is a purpose-built emergency assistance solution designed for use in accessible toilets, hospitals, aged-care facilities, and public washrooms. The system ensures that users can request immediate help, while staff and caregivers receive clear, reliable alerts for rapid response.

The system is equipped with a default dry contact output for universal compatibility, allowing seamless interfacing with existing monitoring and building management systems.



This system integrates the following core components:

- Siren with combined light and sound for high-visibility alerting
- Call button for users to request help quickly and easily
- Reset button with key operation to ensure only authorized personnel can reset the alarm

While the above system is able to work standalone. The I/O module I designed in enabling cascading of multiple call bell units for centralized management. Dry-contact signal from IO Module for system integration and notification

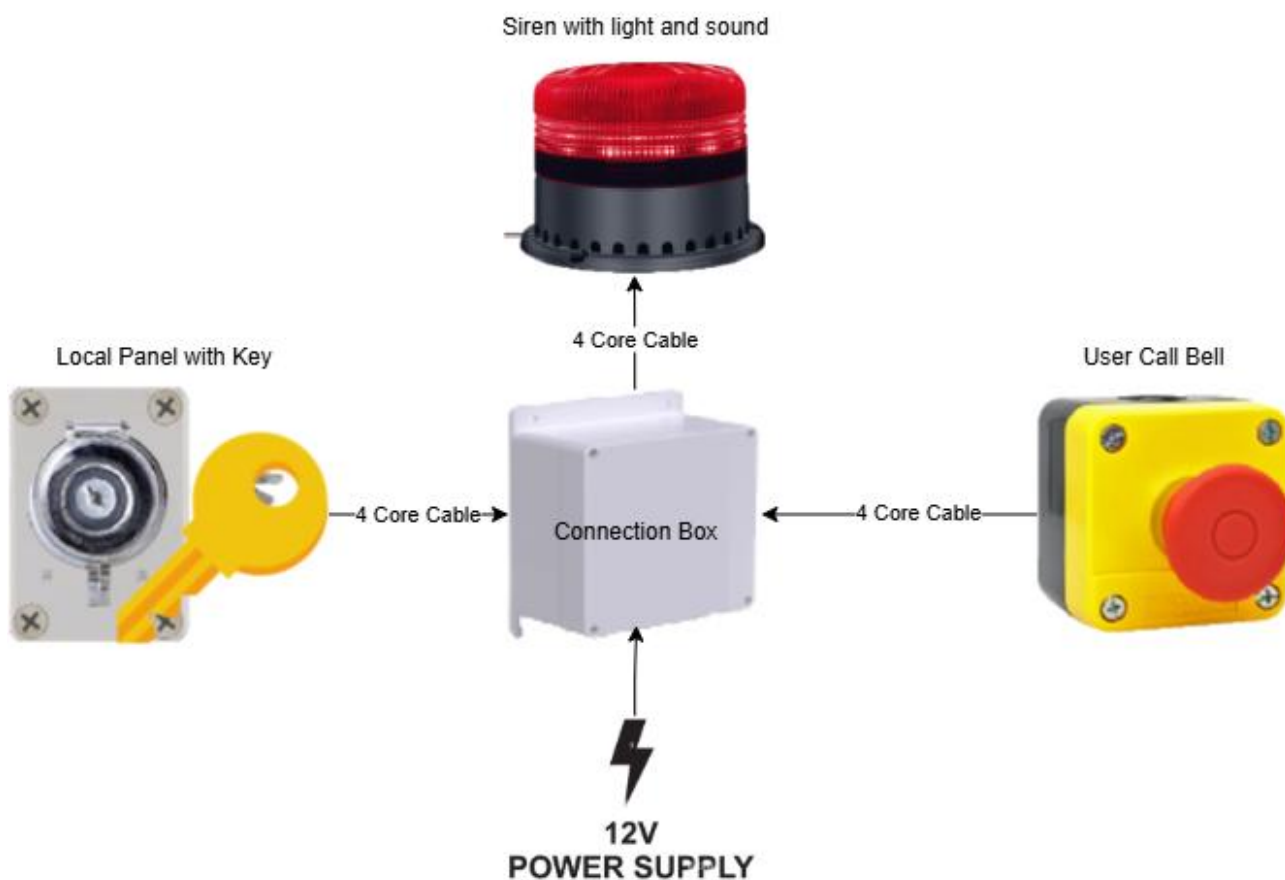
For advanced deployment scenarios, the system offers optional extensions:

- Connection of a monitor to the I/O module to access a local management portal
- Integration with the ChinoINT Edge Computing Gateway, making the system cloud-ready for remote supervision, data logging, and third-party system integration (e.g., BMS, security, or IoT platforms)

With modular design, secure reset functionality, and scalable expansion options, the Toilet Call Bell System provides a dependable, future-proof solution for safeguarding users and streamlining facility management.



Standalone Configuration

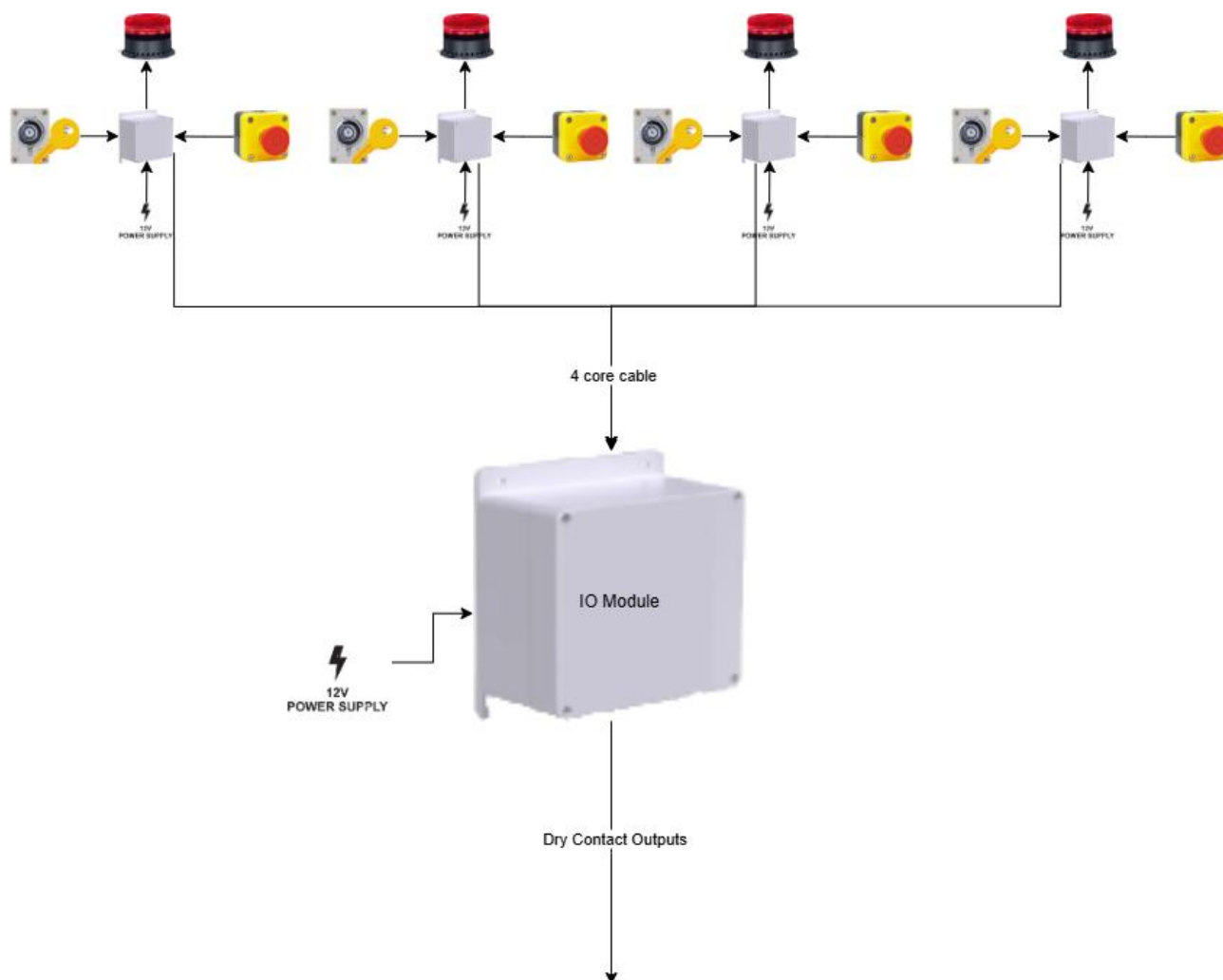


Specification

Equipment	Parameter	Specification
User Call Bell	Dimension	68 x 68 x 102 mm (including button)
	Protection	IP65
Local Panel with Key	Dimension	86 x 88 x 78 mm
	Security	Key operated
Siren	Dimension	110 x 94 x 76 mm
	Sound	120 dB
	Visual	2 flashing speed / always on / off
	Weight	260 g
Connection Box	Protection	IP65
	Dimension	120 x 81 x 65 mm
	Power	12V DC



Cascading Configuration

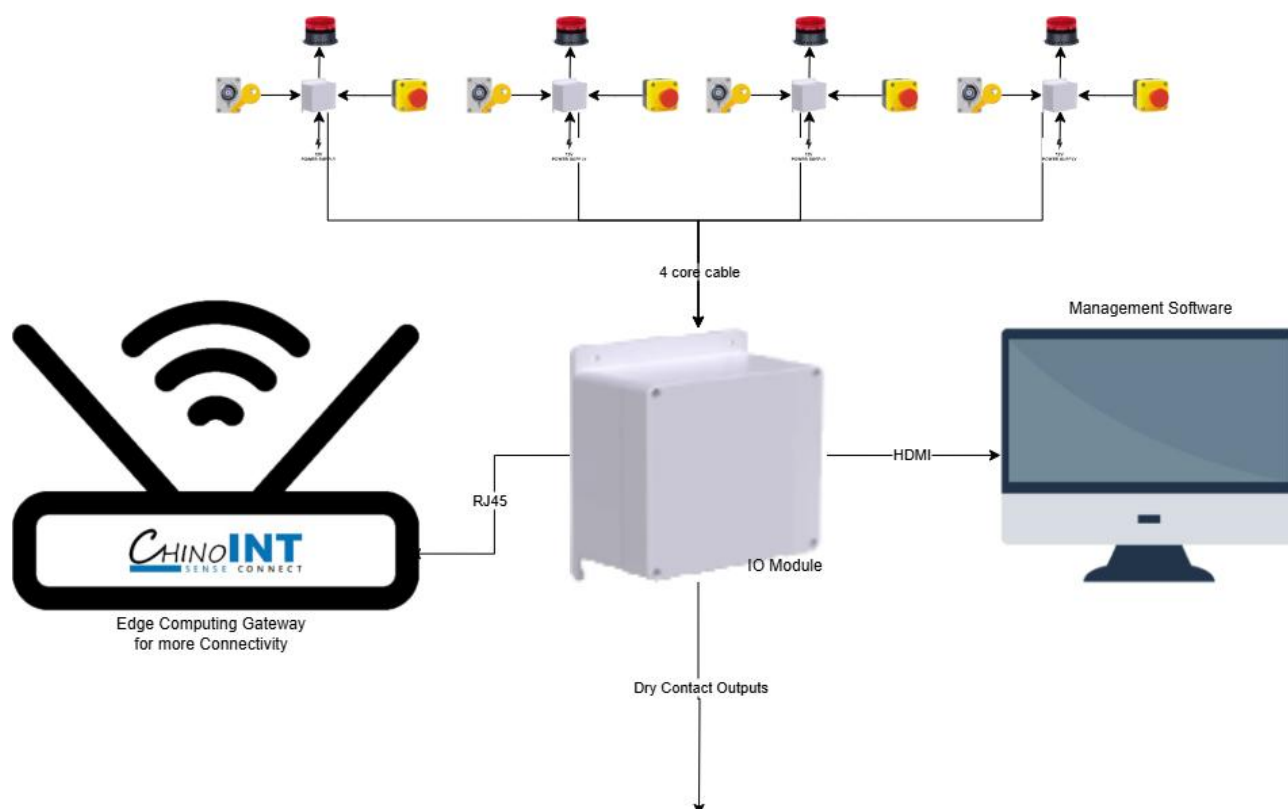


Specification

Equipment	Parameter	Specification
IO Module	Dimension	230 x 160 x 87 mm
	Protection	IP65
	Power	12V DC
	Input	Up to 4 Call Bell System (Upgradable)
	Output	2 Dry-contact signals per Call Bell System



Expand-ability



Management Portal

The IO module has a management portal and dashboard running. This enables easy configuration and viewing of the system status.

In the AIOT era, the Call Bell System is ready to connect to Cloud dashboard, integration to other systems. The only thing you need is to connect the ChinoINT Edge Computing Gateway. This enables cloud connectivity, notifications, and other flexibility and interoperability.

Installation

The Call Bell System is designed with easy screw mount on wall. Screw holes are designed with the housing in all components that could be wall-mounted.

Installation can be done only by the professional construction personnel or authorized engineering representative. Please use the professionally qualified installation tools to guarantee the safety of the construction personnel. Installation position must be far away from the fire source, strong electric field, magnetic field etc., otherwise damage will be resulted. ChinoINT reserves the interpretation of installation.



Warning

Assumes no liability for any damage resulting from the use of this product. CHINOTECH INTERNATIONAL LIMITED reserves the right to change this data sheet at any time without notice. The information furnished by ChinoINT is believed to be accurate and reliable. However, no responsibility is assumed by ChinoINT for its use, not for any infringements of patents or other rights of third parties resulting from its use.

Product Warranty and Customer Support

ChinoINT warrants all products free from defects in material and workmanship for a period of one year from the date of shipping. During the warranty period, we will, at our position, either repair or replace any product that proves to be defective. To report any defect, please inquiry sales@chinoint.com

Unauthorized opening and improper repairs on the device may result in substantial damage to equipment or endanger the user. The product described in this documentation may be operated only by personnel qualified. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products. Always disconnect the power plug before you open the device.

Please have the model, serial number and a detailed problem description available when you call. If the problem concerns a particular reading, please have all meter readings available.

This warranty does not apply to defects resulting from unauthorized modification, misuse. If you install or exchange system expansion and damage your device, the warranty becomes void.

Product Warranty and Customer Support

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

