

HY-CAN SPECIFICATIONS

DEFINED BY
CONNECTION.

Dedicated to Support.

Our HY-CAN products are designed around a modular PCB, allowing for flexibility in design, construction, and deployment.

This platform ensures the intercom can be customised, from hardware components to software features, to meet any site requirement, whether it's a multi-entrance apartment block, a large industrial estate, or a bespoke access control solution.

Flexible Control Through Configurable Relays.

Central to its utility are the multi-purpose, customisable relays. The unit provides three relay outputs as standard, which are fully configurable. The modular design of the Hy-Can PCB means that the relays can be interchanged to offer more flexibility.

Manage Your Commтел Intercom Remotely:

You can download the Commтел CONFIG app and the Commтел VISION app for free, from Android or iOS app stores.



Commтел CONFIG App

Simplify setup and management, remotely program all Commтел intercoms with the CONFIG app.



Commтел CONTROL App

Remotely control and configure your system, including Open, Hold, and Close, directly from the Commтел Control App.

Technical Specifications		
Construction	Faceplate	316 marine grade stainless steel faceplate & Stainless steel security screws.
	Housing	316 marine grade stainless steel faceplate.
	Mounting	Flush or surface mounted.*
Power & Electrical	Power Supply	12V 1A DC PSU fitted with a 3A fuse (supplied, dedicated to the Commтел product).
	Power Consumption	120mA idle @ 12V
	Relays	3: 1x 3A (changeover), 2x 200mA (N/O) Dual Opto (Semiconductor Relay) • Max switching current 200mA, no minimum. • Max switching voltage 60V AC or DC. Single Power Relay (Mechanical Relay) • Max switching current 3A, minimum 50mA. • Max switching voltage 60V AC or DC
	Relay Activation Time	1 - 240 seconds, adjustable locally and remotely. Single Power Relay adjustable remotely only.
	Auxiliary Inputs	1x Volt free auxiliary inputs The auxiliary input is for volt free exit release type buttons only. Damage will result if feeding voltage or any other item that is not a volt free contact.
Audio	Telephone Type	Standard DTMF (Dual Tone Multi Frequency)
	Volume	Adjustable 1 - 9 levels
Keypad	Backlighting	Adjustable brightness: 1 - 9 levels. 7 programmable colours. (Not applicable to the Senior model)
	Timed Trade Button	Can be programmed using the on-board time clock.
Programming	Programming Methods	4G - Remotely programmable via CONFIG app, Cirrus portal & SMS. Landline - Remotely via our programming team or locally via USB.
	Operating Commands	All relay commands are configurable via our dedicated programming App (4G only), remotely or locally via software, with the ability to Pulse, Latch, Unlatch and Toggle. # pulses RL1 1# pulses RL1 2# pulses RL2 3# latches RL3 6# unlatches RL3
Time & Alerting	Time Clock	The on-board time clock enables custom profile functions to be activated. Functions include but are not limited to trade button, auxiliary input (via relay), timed latch, call diverts, entry codes, event alerts, service reminders, and more.
	Event Alerts	Receive an SMS notification when a specific event takes place, such as when a particular code is entered or a designated relay is activated.
	Recurring Alerts	Schedule automatic SMS messages to be sent to up to 10 numbers on a chosen date and time – perfect for service reminders, PAYG SIM balance alerts, or regular maintenance prompts.
	Auxiliary Alerts	Receive an SMS notification whenever the AUX input is triggered – ideal for monitoring events like door contacts, loop detectors or other connected devices.

Technical Specifications (continued)

Capacity	Authorised Dial-to-open	1300 telephone numbers can be stored. Calling the unit, from an authorised telephone number, activates a predetermined relay.
	Entry Codes	400 codes can be stored. Entering a pre-programmed code activates the specified relay.
	SMS Commands (Text to Open)	Control your entry equipment remotely via text – programme up to 7 SMS commands to open, latch, unlatch or toggle the relays as needed.
Hubs & Satellites	Connection	Use 8 Core Cable: Twisted pair Mic Twisted pair Speaker Twisted pair CAN Twisted pair Power 300m per cable run (max).
	Programming	Each connected door station can be programmed independently.
Connectivity	Network Capability	4G - VoLTE, backwards compatible with 2G and 3G.
	SIM Card	Micro SIM Card** (Commтел SIM provided upon request and is subject to activation order).
	Antenna	1x 4G PUK antenna with 2m lead and 90° MMCX connection. (1m lead available upon request. Longer leads are available at additional cost and longer lead time).
	Phone Line (Landline option)	Analogue BT type line or PABX analogue extension. ATA may be required for digital PBX.
Regulatory & Support	Warranty	Two-year return to manufacturer warranty. More info: commтел.io/warranties-supportagreements .

* 316 marine grade stainless steel.

** Micro SIM Card. (Commтел SIM provided upon request and is subject to activation order).

We're Here to Support You

If you require further guidance, please don't hesitate to reach out to our trusted technical support team. We're committed to ensuring a smooth setup process.

You can reach us by calling **+44(0)1306 710120** – Option 1, or email: support@commтел.io

EU CE Declaration of Conformity and Radio Equipment Directive is available at www.commтел.io | GB-RH10 9RB



Raising Standards
Advancing Safety