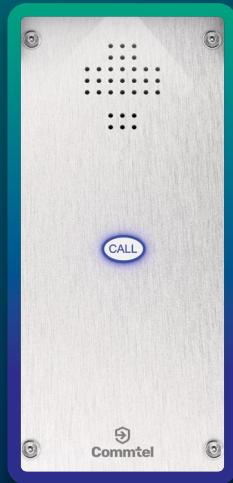




INTERCOM SPECIFICATIONS



SOLO



SOLO+



DUO+



TRIO+



JUNIOR

DEFINED BY CONNECTION.

Dedicated to Support.

Designed for diverse access points, from standalone gates and rental properties to multi-tenant setups and shared entrances, Commtel intercoms deliver straightforward, connected entry.

Manage Your Commtel Intercom Remotely:

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



CommTel CONFIG App

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



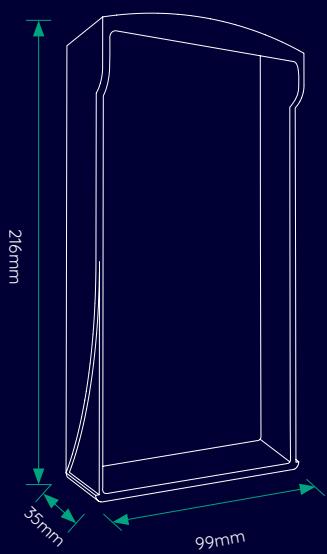
CommTel CONTROL App

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

Key Features	SOLO	SOLO+	DUO+	TRIO+	JUNIOR
Connectivity	4G	4G	4G	4G	4G
No. of users / call buttons	1	1	2	3	Up to 99 (50 as standard)
No. of call diverts	7	7	7	7	7
Backlit, vandal-resistant keypad	N	Y	Y	Y	Y
No. of entry codes	N/A	400	400	400	400
No of Dial to Open numbers	1300	1300	1300	1300	1300
SMS Commands (Text to Open)	Y - x7				
Event-triggered SMS alerts	Y - x7				
Auxiliary-triggered SMS alerts	Y	Y	Y	Y	Y
Recurring SMS Alerts	Y - x5				
Time clock with 9 profiles	Y	Y	Y	Y	Y
LED downlight	Y	Y	Y	Y	Y
Trade Button	N	Y	Y	Y	Y
Downloadable Activity Logs*	Y	Y	Y	Y	Y
2-year return-to-manufacturer warranty	Y	Y	Y	Y	Y

*Activity logs can be downloaded via our Cirrus programming software or upon request from our programming team. Charges may apply.

Mounting Options



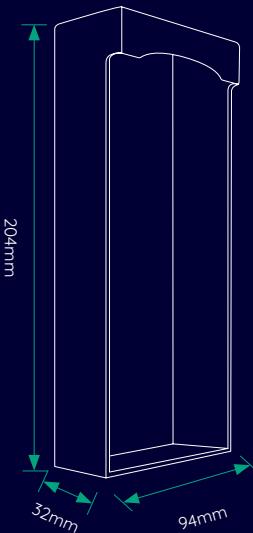
Moulded Back Box

SURFACE-MOUNTED



Stainless Steel Back Box

FLUSH-MOUNTED



Stainless Steel Back Box

SURFACE-MOUNTED

Technical Specifications

Construction	Faceplate	316 marine grade stainless steel faceplate & Stainless steel security screws.
Physical	LED Downlight	Adjustable brightness: 1 - 9 levels. Connected to keypad brightness.
	Moulded back box	Surface mounted - H: 216mm, W: 99mm, D: 40mm
	Stainless Steel*	Surface mounted - H: 204mm, W: 94mm, D: 32mm
		Surface mounted - H: 204mm, W: 94mm, D: 32mm (depth indicates sunk area).
Power & Electrical	Power Supply	12V 1A DC PSU fitted with a 3A fuse (supplied, dedicated to the Commtel product).
	Power Consumption	120mA idle @ 12V
	Relays	3: 1x 2A, 2x 200mA
	Relay Activation Time	1 - 240 seconds, adjustable remotely.
	Auxiliary Inputs	2x 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.
	Timed Trade Button	Can be programmed using the on-board time clock.
Programming	Programming Methods	Remotely programmable via CONFIG app, Cirrus portal & SMS.
	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 on next page

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. The intercom sends a confirmation reply when using SMS commands or programming via the app/SMS. These replies may incur charges and can be switched off by contacting your installer or our technical support team.
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** (Commtel 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).
Regulatory & Support	Warranty	Two-year return to manufacturer warranty. More info: commtel.io/warranties-supportagreements .

* 316 marine grade stainless steel.

** Micro SIM Card. (Commtel 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](tel:+4401306710120) – Option 1, or email: support@commtel.io

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



Raising Standards
Advancing Safety