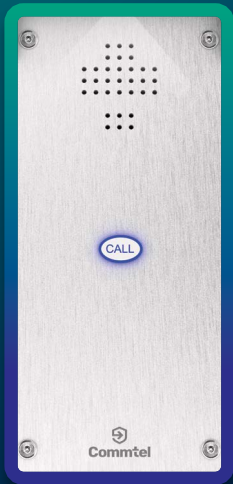
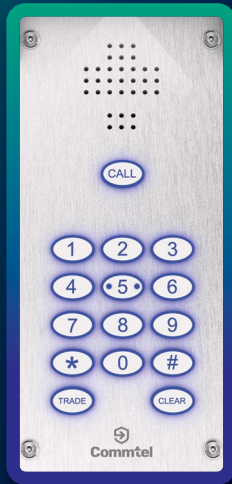


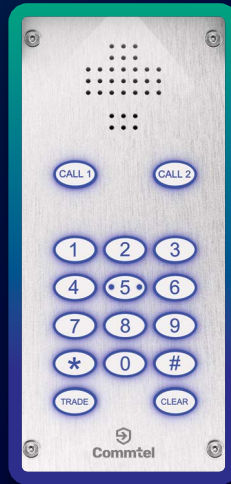
# INTERCOM SPECIFICATIONS



SOLO



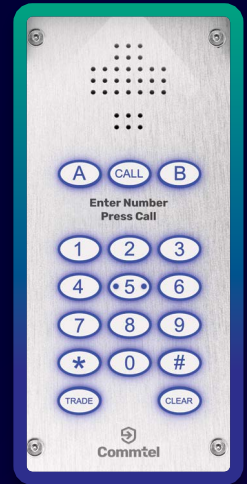
SOLO+



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, Commтел intercoms deliver straightforward, connected entry.

### Manage Your Commтел Intercom Remotely:

You can download the Commтел CONFIG app and the Commтел CONTROL 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.



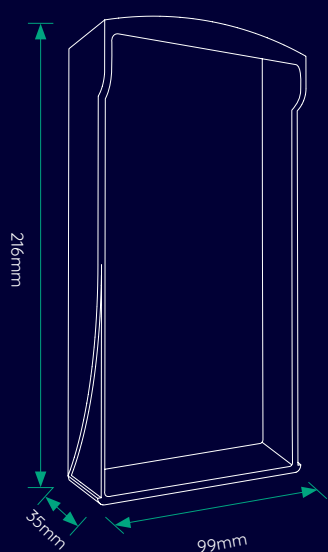
#### Commтел CONTROL App

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

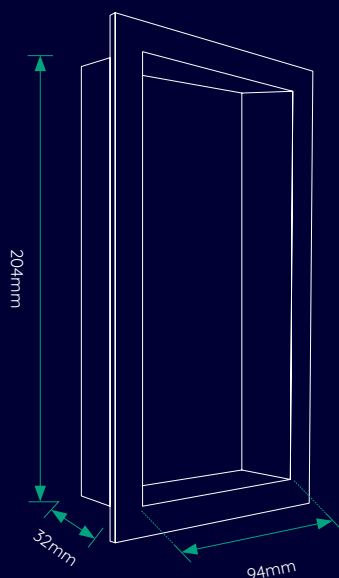
Key Features	SOLO	SOLO+	DUO+	TRIO+	JUNIOR
Connectivity	4G	4G	4G	4G	4G
No. of users / call buttons	1	1	2	3	Up to 99 (50 as standard)
No. of call diverts	7	7	7	7	7
Backlit, vandal-resistant keypad	N	Y	Y	Y	Y
No. of entry codes	N/A	400	400	400	400
No of Dial to Open numbers	1300	1300	1300	1300	1300
SMS Commands (Text to Open)	Y – x7	Y – x7	Y – x7	Y – x7	Y – x7
Event-triggered SMS alerts	Y – x7	Y – x7	Y – x7	Y – x7	Y – x7
Auxiliary-triggered SMS alerts	Y	Y	Y	Y	Y
Recurring SMS Alerts	Y – x5	Y – x5	Y – x5	Y – x5	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.

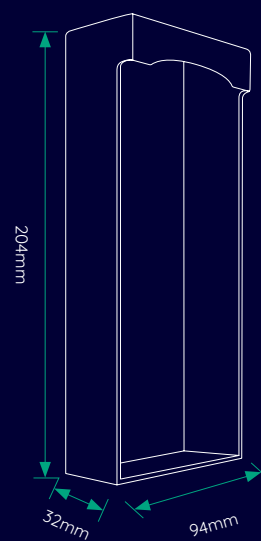
## Mounting Options



**Moulded Back Box**  
SURFACE-MOUNTED



**Stainless Steel Back Box**  
FLUSH-MOUNTED



**Stainless Steel Back Box**  
SURFACE-MOUNTED

## Technical Specifications

<b>Construction</b>	Faceplate	316 marine grade stainless steel faceplate & Stainless steel security screws.
<b>Physical</b>	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).
<b>Power &amp; Electrical</b>	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 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.
<b>Audio</b>	Telephone Type	Standard DTMF (Dual Tone Multi Frequency)
	Volume	Adjustable 1 - 9 levels
<b>Keypad</b>	Backlighting	Adjustable brightness: 1 - 9 levels. 7 programmable colours.
	Timed Trade Button	Can be programmed using the on-board time clock.
<b>Programming</b>	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
<b>Time &amp; Alerting</b>	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)

<b>Capacity</b>	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.
<b>Hubs &amp; Satellites</b>	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.
<b>Connectivity</b>	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).
<b>Regulatory &amp; Support</b>	Warranty	Two-year return to manufacturer warranty. More info: <a href="https://commтел.io/warranties-supportagreements">commтел.io/warranties-supportagreements</a> .

\* 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](mailto:support@commтел.io)

EU CE Declaration of Conformity and Radio Equipment Directive  
is available at [www.commтел.io](https://www.commтел.io) | GB-RH10 9RB



Raising Standards  
Advancing Safety