



PRODUCT BROCHURE

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**commtel.io**



DEFINED BY  
CONNECTION.  
**Dedicated to support.**

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# INTRODUCTION

For over 30 years, we've been building intercoms with a steadfast focus on what matters most: **You, our customer.**

We've continually grown by staying close to what the industry's needs are – providing reliable, high-quality products that installers and end-users can count on. Our products are designed and built right here in the UK, a testament to our commitment to solutions of enduring quality.

## **We see our role as more than a supplier.**

We are a dedicated partner, wholly invested in your success. That's why our systems are designed for straightforward installation and operation, backed by the comprehensive support you need, from your initial inquiry to your project completion.

With Commtel, you gain a partner you can depend on. We are defined by connection, and dedicated to support.

## **So, why Commtel?**

We understand the hard work and expertise that goes into every installation. The final step, the communication at the entrance.

Our purpose is to ensure that this is the most seamless and reliable part of the job. Our approach is to be **the trusted partner** who makes that final stage effortless, allowing installers to deliver a flawless finish every time.





# THE COMMTTEL DIFFERENCE

What truly sets us apart isn't just what we build, but how we build it, and the relationships we build along the way.

Our unique value is grounded in three core pillars that directly benefit our customers and define our commitment to your success:

## **Human-Centric Approach:**

We firmly believe in the power of genuine connections, and we prioritise building and maintaining those strong relationships with our installers and partners.

By fostering open communication and providing personalised support, we aim to create a collaborative environment focused on joint success.

## **Future-Forward Expertise:**

We understand the fundamentals of the market and are definitively positioned to maximise on future technologies, evolving with the market to provide solutions for our customers.

## **Unwavering Commitment:**

We are driven to excel in every aspect of our business. From the quality of our products to the integrity of our practices, we hold ourselves to the highest standards.

This commitment ensures our customers can rely on us to deliver reliable, durable, and ethically sound solutions that last.



# FEATURES

Our entry solutions are built to provide our customers with complete control, unwavering security, and seamless convenience.

Every feature, from flexible access management and remote programming to proactive monitoring and straightforward operation, has a single purpose: to serve you. We design our systems to meet the diverse needs of any application, ensuring you have a solution that is both powerful and intuitive.

For a comprehensive overview of our full product range, and to see how our features work in every system, please refer to our full product matrix on pages 34–37.



## Controlled secure entry

Authorise, manage and control entry with ease and precision.

Keypad and Dial-to-Open enables control of access using the built-in keypad and up to 1300 dial-to-open numbers. Timed Access Restriction allows you to restrict entry for specific individuals by date, day of the week, or time using the on-board time clock.



## Get Notified!

Event Notifications allow you to receive alerts when specific access codes are used or designated mobile numbers dial in.

External equipment monitoring provides notifications when connected equipment is used or if forced (depending on the type of equipment connected and how it's wired).

With SMS alerts you can notify customers of upcoming services or planned maintenance.



## Information at Your Fingertips

Access essential resources and manage your Commtel account online.

Our website provides product guides and installation resources. Track programming changes, returns, and orders with ease. Find support through FAQs and troubleshooting tips. Trade customers can conveniently place orders online.\*

\*Install guides, return/order status tracking, and online ordering are available to installers only.



## Security & Diagnostics

Ensure peace of mind with comprehensive continued monitoring and reporting.

All products feature a built-in Activity Log as standard, allowing remote diagnostics and enhancing security. Our dedicated technical support team can provide a copy of the activity log upon request.



## Flexible Control & Support

Commtel offers user-friendly remote management and expert assistance.

Provide easy programming and control for installers via the Commtel CONFIG App and for end-users via the Commtel CONTROL App.

Our dedicated technical support team provides direct access to expert assistance when you need it most.



## Flexible Time Management

Maximise control over access and operations with advanced time profiles.

Our on-board time clock offers extensive scheduling capabilities and automatic BST/GMT adjustment.

- Timed Relays
- Timed Access Allocation
- Timed Auxiliary Inputs
- Timed Call Diverts



# DIMENSIONS

Commtel's commitment to providing tailored solutions extends beyond functionality to encompass design and integration.

## Standard Back Boxes

We understand that the aesthetic appeal and physical fit of our products are crucial. Our products are designed for ease of installation under a range of back box options to suit various solutions:

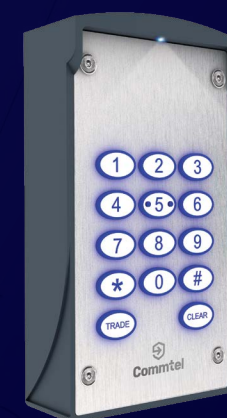
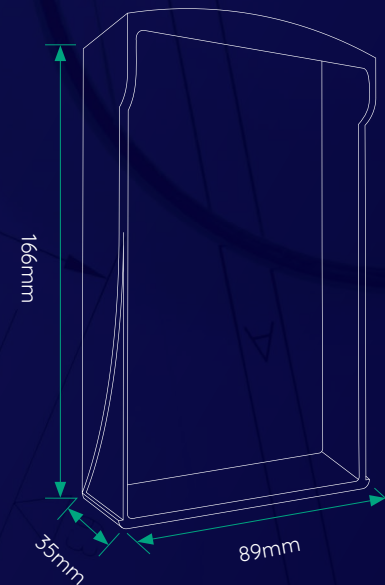
- **Small Die-Cast Back Box:** Designed for our access control solution, TELPAD II, this back box provides a compact and discreet mounting solution.
- **Our standard Die-Cast Back Box:** Balancing a sleek profile with sufficient space for connections and mounting. This back box is used across our best selling products like the SOLO+ and JUNIOR.
- **The Large Die-Cast Back Box:** Our larger intercoms, such as the VARIO, MILLENNIUM and SENIOR feature an expanded back box designed to house additional buttons and an OLED display..

## Customisation

For projects with unique aesthetic or installation demands, we offer extensive customisation options. From non-standard dimensions to bespoke finishes, we can work with you to create a solution that perfectly complements your project.

Contact our sales team to discuss your specific requirements and explore the possibilities for tailored solutions, call +44(0)1306 710120 - (Option 2) or email [sales@commtel.io](mailto:sales@commtel.io)

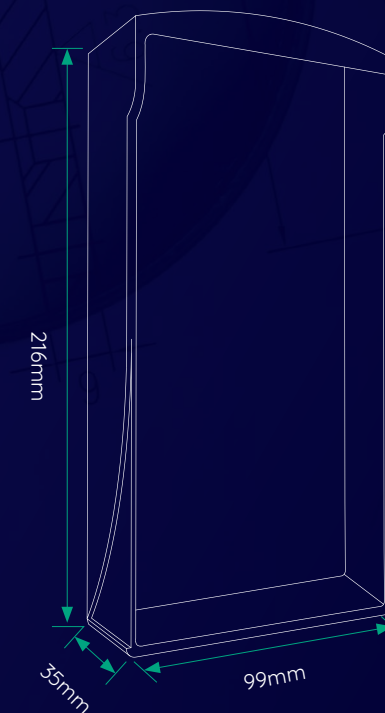
**Small cast**  
(40mm overall depth)



TELPAD II

Page 26

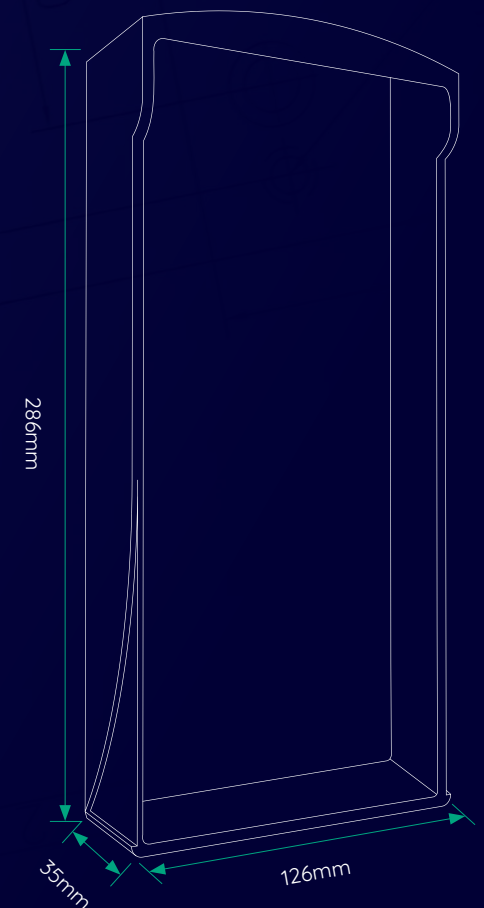
**Standard cast**  
(40mm overall depth)



SOLO+

Page 14

**Large cast**  
(40mm overall depth)



MILLENNIUM

Page 20



# IP INTERCOM SOLUTIONS

Commтел's IP intercoms are a testament to our commitment to providing future-forward solutions that offer unparalleled clarity and connectivity.

While we've built our legacy on robust telecommunication networks, our NX1 and NX250 systems represent a new era of secure, scalable, and versatile entry.

## Why IP Intercoms?

IP intercoms leverage the power of internet connectivity to deliver a modern, feature-rich experience.

Unlike traditional systems, they provide high-quality video, intuitive remote management, and a level of scalability that can adapt to sites of any size.

For distributors and installers, this means offering a solution that is both powerful and easy to integrate, meeting the demands of today's connected world and preparing for tomorrow's challenges.

The NX1 and NX250 models are built to provide state-of-the-art security solutions. The NX1 offers a powerful and compact solution, while the NX250 is designed for large-scale sites, handling up to 250 properties and 1,000 users with a simple, intuitive OLED directory. Both systems come with 4G and Ethernet as standard, ensuring reliable connectivity. Through the free Commтел NEXUS app, users can see, speak to, and grant access to visitors directly from their phone, offering a seamless and convenient experience.

To learn more about how Commтел's IP Intercoms can expand your offering and provide your customers with a cutting-edge solution, please contact our sales team on **+44(0)1306 710120** - (Option 2) or email [sales@commтел.io](mailto:sales@commтел.io).



NX250

NX1

Experience the difference that comes from a genuine partnership.

[www.commtel.io](http://www.commtel.io)

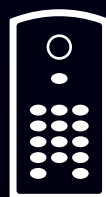
## NX1



### Faceplate Finish



BLACK



Click the icon to learn more about the NX1

The NX1 intercom from Commtel, marks a major step forward in delivering modern and advanced technology.

The NX1 comes with both Ethernet and 4G connectivity as standard, ensuring flexibility on any installation. With remote management through the Commtel NEXUS app, the NX1 provides a seamless and reliable experience for both installers and end-users.

### Advanced Secure Entry

The NX1 ensures safe, controlled entry for homeowners, businesses, and site managers:

- **Dual Connectivity:** Choose between Ethernet or 4G.
- **Temporary Entry Codes:** Generate time-limited or use-limited codes directly from your phone.
- **Worldwide Timeclock:** Seamlessly schedule entry permissions, keypad settings, and relay functions.
- **Relay Action Snapshots:** Receive instant photo verification when an entry code or trade button is used.
- **Comprehensive Activity Log:** Track all panel events, from calls to relay activations.

### Flexible Configuration & Smart Management

Engineered for efficiency, the NX1 simplifies installation and empowers users with advanced control:

- **App-Driven Setup:** Installers can configure the panel in minutes using the Commtel CONFIG app.
- **Ongoing User Control:** End-users enjoy complete management of entry settings and notifications via the Commtel NEXUS app.
- **Push Notifications:** Get real-time alerts for key events, from callpoint presses to triggered inputs.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

### Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplate:** Stainless steel with powder-coated black finish
- **Surface Back Boxes:** Moulded aluminium with powder-coated black finish



### Commtel NEXUS App

Allows users to see and speak to their visitors, as well as configuring their NX1 and NX250.

The NX250 is Commtel's multi-user IP video intercom, purpose-built for larger residential and commercial sites.

Supporting up to 250 properties and unlimited users, it delivers the same powerful features as the NX1, with the addition of an OLED directory for intuitive visitor navigation. The NX250 provides a robust and scalable solution for modern secure entry.

### Advanced Secure Entry

The NX250 combines capacity and convenience with a comprehensive suite of intelligent features:

- **Dual Connectivity:** Choose between Ethernet or 4G for flexible installation and reliable performance.
- **Temporary Entry Codes:** Generate time-limited or use-limited codes directly from your phone.
- **Worldwide Timeclock:** Seamlessly schedule entry permissions, keypad settings, and relay functions.
- **Relay Action Snapshots:** Receive instant photo verification when an entry code or trade button is used.
- **Comprehensive Activity Log:** Track all panel events, from calls to relay activations.

### Flexible Configuration & Smart Management

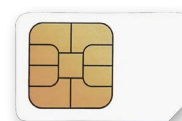
Designed to handle high traffic and multiple users, the NX250 supports installers and residents alike:

- **App-Driven Setup:** Installers can configure the panel in minutes using the Commtel CONFIG app.
- **Ongoing User Control:** End-users enjoy complete management of entry settings and notifications via the Commtel NEXUS app.
- **Push Notifications:** Get real-time alerts for key events, from callpoint presses to triggered inputs.
- **OLED Directory:** Visitors can easily search and call the right property through the integrated display.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

### Product Specifications

- **Dimensions:** H 286 x W 126 x D 35 mm
- **Faceplate:** Stainless steel with powder-coated black finish
- **Surface Back Boxes:** Moulded aluminium with powder-coated black finish



### Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 28.

## NX250



### Faceplate Finish



BLACK



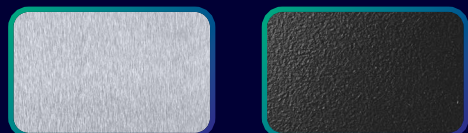
Click the icon to learn more about the NX250



# SOLO



## Faceplate Finish Options



STAINLESS STEEL ANTHRACITE



Click the icon to learn more about the SOLO

Our SOLO intercom delivers reliable access control through essential functionality.

Designed for straightforward communication, the SOLO provides a practical solution for secure entry.

### Intelligent Call Management

The SOLO intercom features a built-in time clock that enables intelligent call handling.

- **Flexible Call Diversion:** Easily divert calls to alternative numbers during specified periods, ensuring calls are always answered efficiently.
- **Precise Call Disabling:** If required, the call button can be disabled during designated times, providing enhanced control over when calls are received.

### Enhanced Secure entry

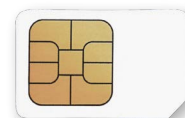
The SOLO intercom offers tailored access management and robust security features.

- **Tailored Access Restriction:** Precisely control access by utilising time-restricted authorised dial-to-open numbers, granting entry only to permitted individuals at specified times.
- **Detailed Access Monitoring:** Enhance security and gain peace of mind with the downloadable activity log, which provides a record of entry events.
- **Automated Entry Operation:** The authorised dial-to-open function can be used to automate entry equipment such as gates, barriers, and bollards, allowing for convenient and efficient access during specified hours.
- **Adaptable Keypad Illumination:** Customise the keypad lighting to suit its surroundings by adjusting the brightness or colour as required.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

### Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** All faceplates are stainless steel with an option for powder-coated anthracite grey (RAL 7016).
- **Surface Back Box Options:**
  - Moulded aluminium, powder-coated anthracite grey (RAL 7016).
  - 316 Marine grade stainless steel
- **Flush Back Boxes:** Flush back boxes are 316 Marine grade stainless steel.



### Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 28.

Our best-selling SOLO+ intercom system is a focused solution with a built-in keypad.

This single call button intercom solution, like all Commtel intercoms, delivers a wealth of practical benefits and powerful features.

### Advanced Secure Entry

The SOLO+'s integrated time clock empowers homeowners and site managers with sophisticated access management.

- **Precise Access Restriction:** Enhance security and enjoy peace of mind by precisely controlling access through time-restricted entry codes and authorised dial-to-open numbers.
- **Automated Entry Operation:** Seamlessly automate the operation of entry equipment such as gates, barriers, and bollards, enabling convenient and efficient access management during specified hours.
- **Intelligent Call Management:** Ensure privacy and optimise call handling by diverting or disabling the call button during designated times.
- **Customisable Keypad Illumination:** Adapt the keypad lighting to suit any environment by customising the brightness or colour based on the time of day.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

### Flexible Configuration & Streamlined Management

- **Versatile Hub and Satellite Configuration:** For properties with multiple entry points or where different heights are needed for various vehicles, SOLO+ offers a versatile Hub and Satellite configuration.

(See page 24 for more information).

- **Effortless Remote Access and Programming:** Enables installers to program with ease via the Commtel CONFIG App. Provide end-users with convenient control using the Commtel CONTROL App

(See page 36 for more information).

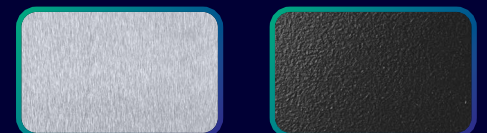
### Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** All faceplates are stainless steel with an option for powder-coated anthracite grey (RAL 7016).
- **Surface Back Box Options:**
  - Moulded aluminium, powder-coated anthracite grey (RAL 7016).
  - 316 Marine grade stainless steel
- **Flush Back Boxes:** Flush back boxes are 316 Marine grade stainless steel.

# SOLO+



## Faceplate Finish Options

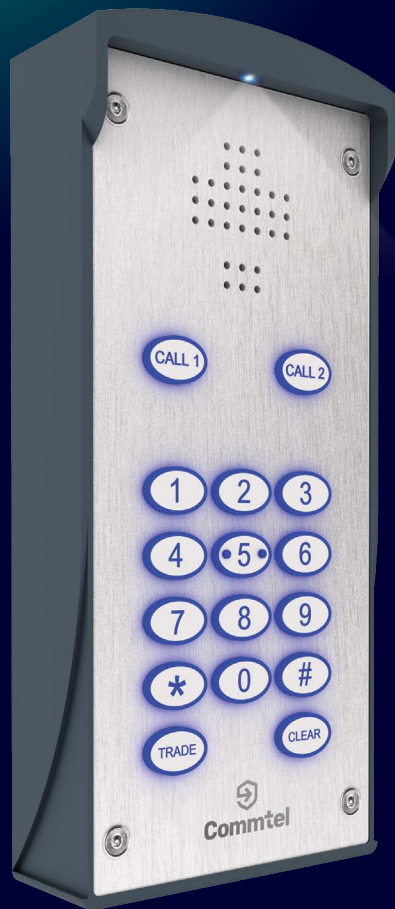


STAINLESS STEEL ANTHRACITE



Click the icon to learn more about the SOLO+

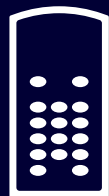
## DUO+



### Faceplate Finish



STAINLESS STEEL



Click the icon to learn more about the DUO+

The DUO+ intercom provides a sleek and compact solution for efficient communication in divided properties or office spaces.

Offering a choice of two call buttons and an integrated keypad as standard, the DUO+ is a cost-effective alternative for applications requiring separate communication at a shared entrance.

### Advanced Secure Entry

The DUO+ intercom, like the SOLO+, offers secure and flexible access control

- **Versatile Entry Authorisation:** Authorise entry for specific individuals, such as postal workers or tradespeople, using the built-in keypad and dial-to-open functionality.
- **Precise Timed Access Control:** Manage access effectively and prevent unauthorised entry with the built-in time clock, enabling time restrictions for specific users.

### Flexible Configuration

- **Hub and Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles, DUO+ systems offer a versatile Hub and Satellite configuration.

See page 24 for more information.

### Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** All faceplates are 316 Marine grade stainless steel.
- **Surface Back Box Options:**
  - Moulded aluminium, powder-coated anthracite grey (RAL 7016).
  - 316 Marine grade stainless steel
- **Flush Back Boxes:** Flush back boxes are 316 Marine grade stainless steel.



#### Commtel CONTROL App

Allows residents to operate their entry equipment at the push of a button.

The TRIO+ intercom, much like the DUO+, provides a sleek and compact solution for efficient communication in divided properties or office spaces with the benefit of an extra call button.

With three call buttons and an integrated keypad as standard, the TRIO+ continues to be a cost-effective alternative where separate communication at a shared entrance is required.

### Advanced Secure Entry

The TRIO+ intercom offers secure and flexible access control

- **Versatile Entry Authorisation:** Authorise entry for specific individuals, such as postal workers or tradespeople, using the built-in keypad and dial-to-open functionality.
- **Precise Timed Access Control:** Manage access effectively and prevent unauthorised entry with the built-in time clock, enabling time restrictions for specific users.

### Flexible Configuration

- **Hub and Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles, TRIO+ systems offer a versatile Hub and Satellite configuration.

See page 24 for more information.

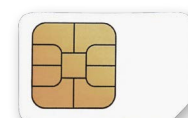
### Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** All faceplates are 316 Marine grade stainless steel.
- **Surface Back Box Options:**
  - Moulded aluminium, powder-coated anthracite grey (RAL 7016).
  - 316 Marine grade stainless steel
- **Flush Back Boxes:** Flush back boxes are 316 Marine grade stainless steel.



#### Commtel CONFIG App

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



#### Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 28.

## TRIO+



### Faceplate Finish



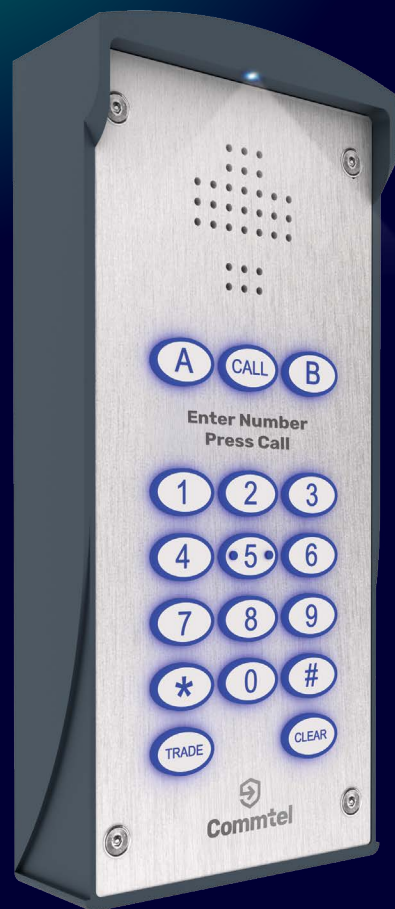
STAINLESS STEEL



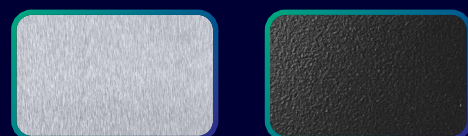
Click the icon to learn more about the TRIO+



## JUNIOR



### Faceplate Finish Options



STAINLESS STEEL ANTHRACITE



Click the icon to learn more about the JUNIOR

The JUNIOR intercom is a digital multi-user system designed to serve up to 99 dwellings, providing a practical and convenient solution for visitor management.

This intercom facilitates easy access for both visitors and residents. Visitors can effortlessly contact individual properties by entering the door number followed by 'call', while residents and authorised personnel benefit from secure entry via PIN code.

Like all Commtel products, the JUNIOR is engineered with a range of valuable features to provide residents with convenience, security, and peace of mind.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

### Advanced Secure Entry

The JUNIOR intercom offers enhanced and flexible access management.

- **Dial-to-Open Functionality:** Enable authorised entry for specific individuals, such as postal workers or tradespeople, by authorising their mobile number.
- **Timed Access Restriction:** Bolster security by implementing time restrictions for specific users, managed via the built-in time clock.

### Flexible Configuration

- **Hub and Satellite Configuration:** For sites with multiple entry points or where varying mounting heights are required for different vehicle types, JUNIOR systems support a versatile Hub and Satellite configuration.

Further details are available on page 24.

### Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** All faceplates are stainless steel with an option for powder-coated anthracite grey (RAL 7016).
- **Surface Back Box Options:**
  - Moulded aluminium, powder-coated anthracite grey (RAL 7016).
  - 316 Marine grade stainless steel
- **Flush Back Boxes:** Flush back boxes are 316 Marine grade stainless steel.

Our VARIO intercoms are designed for versatility, adapting to a wide range of applications, from schools, hospitals, and universities to gated communities and individual residential properties.

This systems offer a suite of valuable features, including SMS event alerts, time-restricted access, and downloadable activity logs, providing enhanced security, peace of mind, and streamlined visitor management.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

### Configuration options

- Up to 10 individual call buttons.
- Configurations with up to 6 buttons alongside a keypad or access control reader.
- Customisation options with engraving or vinyl labels.

### Advanced Secure Entry

VARIO intercoms provide robust and flexible access management.

- **Dial-to-Open Functionality:** Authorise entry for specific individuals, such as postal workers or tradespeople, by authorising their mobile number.
- **Timed Access Restriction:** Enhance security by implementing time restrictions for specific users with our built-in time clock.
- **Access Control Integration:** VARIO systems offer integration with a variety of proximity and Bluetooth readers for expanded access control options.

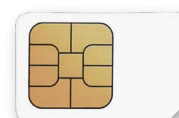
### Flexible Configuration

- **Hub and Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles, VARIO systems offer a versatile Hub and Satellite configuration.

See page 24 for more information.

### Product Specifications

- **Dimensions:** H 286 x W 126 x D 40 mm
- **Faceplates:** All faceplates are stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated anthracite grey (RAL 7016).
- **Flush Options:** Flush options are available in stainless steel. Please contact our sales team for pricing and dimensions.



### Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 28.

+44(0)1306 710 120

## VARIO+



### Faceplate Finish



STAINLESS STEEL

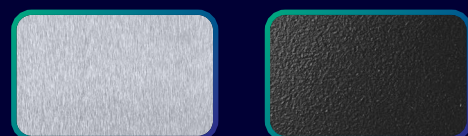


Click the icon to learn more about the VARIO+

# MILLENNIUM



## Faceplate Finish Options



STAINLESS STEEL ANTHRACITE



Click the icon to learn more about the MILLENNIUM

Our MILLENNIUM intercom is a high-capacity solution designed to serve up to 1000 dwellings.

Featuring a user-friendly scrolling OLED directory, the Millennium offers simple and convenient visitor entry, making it an excellent choice for apartment blocks, industrial estates, and large office environments.

## Advanced Secure Entry

The MILLENNIUM intercom provides comprehensive and flexible access management.

- **Versatile Entry Authorisation:** Authorise entry for specific individuals using the built-in keypad and dial-to-open functionality.
- **Timed Access Restriction:** Enhance security and control access by implementing time restrictions for specific users with our built-in time clock.
- **Expanded Integration Options:** We offer the integration of proximity and Bluetooth readers, as well as a range of other integration capabilities, including fire switch and biometric integration. (See page 36 for more information).

## Flexible Configuration

- **Hub and Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles, MILLENNIUM systems offer a versatile Hub and Satellite configuration.

Further details can be found on page 24.

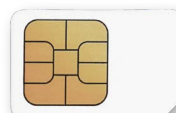
## Product Specifications

- **Dimensions:** H 286 x W 126 x D 35 mm.
- **Faceplates:** All faceplates are stainless steel, with an option for powder-coated anthracite grey (RAL 7016).
- **Surface Back Boxes:** Surface back boxes are moulded aluminium, powder-coated anthracite grey (RAL 7016).
- **Flush Options:** Flush options are available in stainless steel. Contact our sales team for pricing and dimensions.



## Commтел CONTROL App

Allows residents to operate their entry equipment at the push of a button.



## Choose the right SIM.

Discover the Commтел SIM tariff options, detailed on page 28.

The VISION system delivers a powerful combination of voice communication, access control, and video feeds through separate communication pathways.

This unique design ensures both critical access reliability and secure video functionality.

The separation of voice and video calls enhances communication dependability, reducing the possibility of missed visitors, particularly in areas where internet access may be inconsistent for reliable video streaming.

Residents can effortlessly receive video calls via the Commтел VISION app, designed for quick and easy setup and available for download on both iOS and Android devices.

The Vision App is available on both the Android App store and the Apple IOS App store.

For further comprehensive information or to enquire about the VISION, please visit our website or contact our sales team on +44(0)1306 710120 and choose option 2 or alternatively email: sales@commтел.io.

## Product Specifications

- **Dimensions:** H 286 x W 126 x D 35 mm.
- **Faceplates:** All faceplates are stainless steel.
- **Surface Back Boxes:** Surface back boxes are moulded aluminium, powder-coated anthracite grey (RAL 7016).
- **Flush Options:** Flush options are available in stainless steel. Contact our sales team for pricing and dimensions.



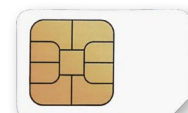
## Commтел CONFIG App

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



## Commтел VISION App

Allows residents to view the video feed when receiving a call from one of our Vision panels.



## Choose the right SIM.

Discover the Commтел SIM tariff options, detailed on page 28.

# VISION



## Faceplate Finish



STAINLESS STEEL



Click the icon to learn more about the VISION



# SENIOR



Faceplate Finish



STAINLESS STEEL



Click the icon to learn more about the SENIOR

Our SENIOR intercom provides a robust and feature-rich alternative to the MILLENNIUM system.

Featuring a scrolling OLED directory and SMS Event Alerts, the Senior offers enhanced visitor management alongside security and peace of mind for residents.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

## Advanced Secure Entry

The SENIOR intercom offers advanced and flexible access management.

- **Versatile Entry Authorisation:** Authorise entry for specific individuals using the built-in keypad and dial-to-open functionality.
- **Timed Access Restriction:** Enhance security and control access by implementing time restrictions for specific users with our built-in time clock.
- **Expanded Integration Options:** We offer the integration of proximity and Bluetooth readers, as well as a range of other integration capabilities.

See page 34 for more information.

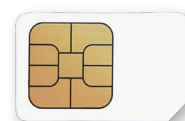
## Flexible Configuration

- **Hub and Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles, SENIOR systems offer a versatile Hub and Satellite configuration.

Further details can be found on page 24.

## Product Specifications

- **Dimensions:** H 286 x W 126 x D 35 mm.
- **Faceplates:** All faceplates are stainless steel, with an option for powder-coated anthracite grey (RAL 7016).
- **Surface Back Boxes:** Surface back boxes are moulded aluminium, powder-coated anthracite grey (RAL 7016).
- **Flush Options:** Flush options are available in stainless steel. Contact our sales team for pricing and dimensions.



## Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 28.



## Reliable solutions, unwavering support, lasting partnerships.

At Commtel, we believe an entry solution is about more than just technology.

It's about building strong relationships and providing the support you need, every step of the way. That's why we're committed to delivering reliable solutions and working alongside our customers to ensure their success.

Ready to discuss your next project? Contact our sales team for expert advice and tailored solutions.

Call +44(0)1306 710120 - (Option 2) or email [sales@commtel.io](mailto:sales@commtel.io)



# HY-CAN HUB

## Hubs & Satellites

Commтел's Hubs & Satellites provide a flexible and cost-effective system architecture designed to manage multiple access points from a single location.

In this configuration, Satellites are the intercom units connected to a central Hub. The use of a Hub allows for significant cost savings on network connections, as only a single SIM card or landline/PBX connection is required per Hub.

**Hubs enhance security by enabling the core system hardware to be located within a secure area.**

Commтел's Hubs and Satellites can be mixed and matched with different Commтел intercom units, making them suitable for a wide range of applications where centralised control of multiple entrances is required, such as sites with multiple buildings, varying access heights for different vehicle types (e.g., cars and lorries), or numerous entry points spread across a large area.

For a comprehensive list of features, please refer to our product matrix on pages 32 – 35.

### Key Features

- **Enhanced Security:** Hubs can be located on the secure side of the premises, enhancing overall system security.
- **Cost Efficiency:** Reduce running costs with the need for only a single SIM card or landline/PBX connection per Hub.
- **Flexible Programming:** Enjoy the flexibility to program all Satellites identically or configure them with individual programming parameters to suit specific needs.

### Configuration Options

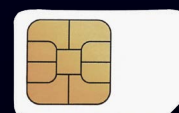
The optimal setup will vary depending on the specific location and usage requirements. Options include:

- Choice of either a 4G or analogue Hub.
- Support for up to 4 Satellites without a display.

**OR**

- Support for up to 3 Satellites with a display.

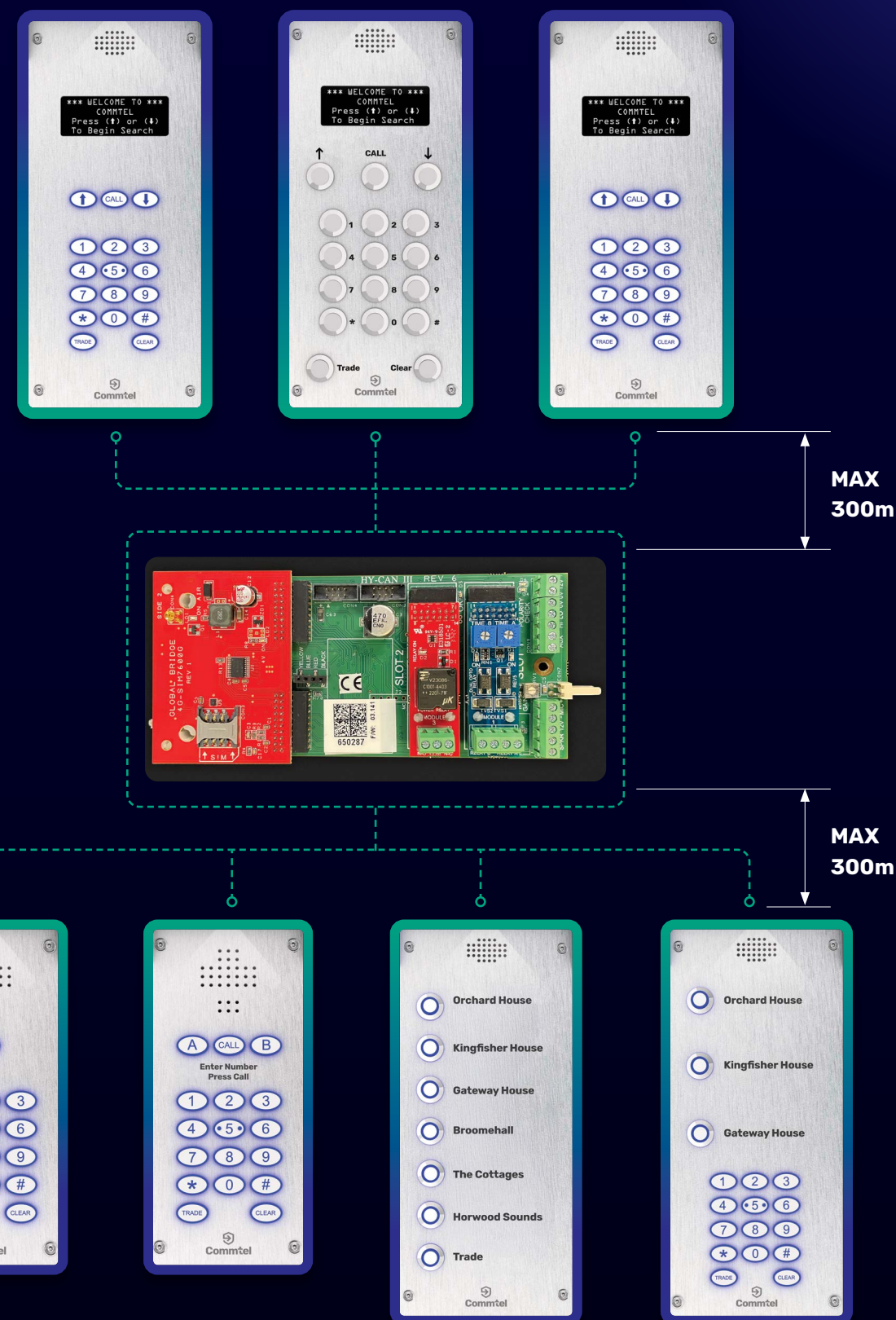
\*Cabling is required between the Hub and Satellites.



### Choose the right SIM.

Discover the Commтел SIM tariff options, detailed on page 28.

Up to a maximum of three Millennium **OR** three Senior units.



**OR** up to four SOLO / SOLO+ / DUO+ / TRIO+ / JUNIOR / VARIO.

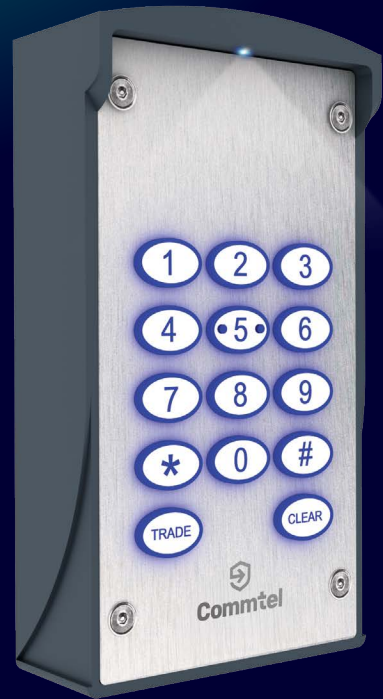


### Commтел CONFIG App

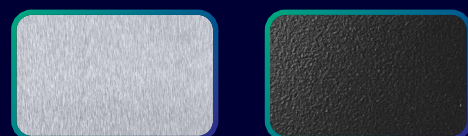
Simplify setup and management: remotely program all Commтел intercoms with the CONFIG app.



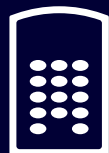
# TELPAD II



## Faceplate Finish Options



STAINLESS STEEL ANTHRACITE



Click the icon to learn more about the TELPAD II

The Telpad II enhances access control when paired with any Commtel intercom or Hub, providing secure keypad entry in situations where audio communication at the entrance is not required.

A key advantage of the Telpad II over standalone keypads lies in its remote programming capability. Eliminate the need for manual entry code management and simplify access control administration using our Commtel CONFIG app

(See page 36 for more information).

The Telpad II also leverages the intelligent, built-in features of the connected system, such as the time clock and activity logs. Furthermore, on-board SMS notifications can be programmed to alert you of any activity.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

## Key Features

- **Remote Programming:** Program the Telpad II remotely via a connected Commtel intercom or Hub.
- **Timed PIN Codes:** Implement time-restricted access control using timed entry codes.
- **Event Alerts:** Receive notifications of access events with programmable event alerts.
- **Activity Log:** Review a log of events and enhance security with the integrated activity log.

## Versatile Application

The Telpad II can be utilised as an entry or exit keypad for various applications, including:

- Doors
- Gates
- Turnstiles
- Barriers
- Bollards

## Product Specifications

- **Dimensions:** H 166 x W 89 x D 35 mm
- **Faceplates:** All faceplates are stainless steel with an option for powder-coated anthracite grey (RAL 7016).
- **Surface Back Boxes:** Surface back boxes are moulded aluminium, powder-coated anthracite grey (RAL 7016).

The Commtel Command Unit is our advanced 4G switch, the next generation of remote access technology evolving from our original GSM Dialler.

Programmed and controlled with ease via the CU Companion app, the Command Unit provides simple, hassle-free, and reliable remote entry and control of any powered entrance using the 4G network.

For a comprehensive list of features, please refer to our product matrix on pages 30 – 33.

## Key Features

- **Connectivity:** 1 x Auxiliary Input, 1 x Relay Output
- **Enhanced Access Control:** Authorise access for up to 1300 users, enabling door or gate operation with a simple call – a modern and cost-effective alternative to traditional access control systems.
- **Integrated Time Management:** The built-in time clock facilitates timed entry, providing precise control over access permissions.
- **Activity Logging:** Review a log of events and enhance security with the integrated activity log.

## Streamlined Management

- Effortless Remote Access and Programming:
- Installers can program and configure the unit with ease via the Commtel CONFIG App.
- End-users benefit from convenient control through the CU COMPANION App.

(See page 8 for more information).



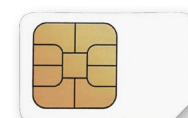
### Commtel CONFIG App

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



### Commtel CU COMPANION App

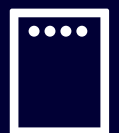
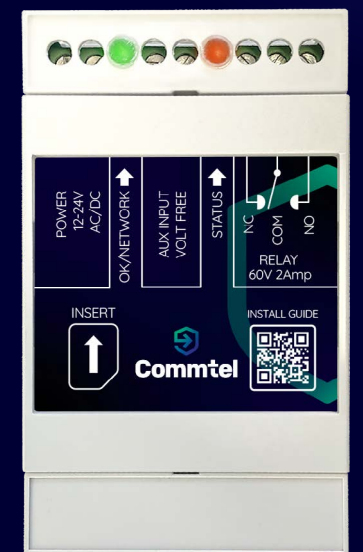
Allows users to programme and control the Command Unit system using the CU COMPANION app.



### Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 28.

# COMMAND UNIT



Click the icon to learn more about the COMMAND UNIT

# SIM CARDS

In today's connected world, selecting the appropriate SIM card is essential for the reliable operation of your Commtel intercom system.

However, with the abundance of network providers and diverse tariffs available, it can be challenging to determine the optimal choice.

The complexity arises from the fact that most SIM cards are designed primarily for use in mobile phones, not in static machines like intercoms, which have distinct requirements. Therefore, careful consideration must be given to ensure the SIM card you select is truly fit for purpose.

## Key Considerations

Several factors differentiate intercom SIM card requirements from those of mobile phones. Intercoms are often installed in locations with varying signal strengths, including those that may be challenging for standard mobile devices.

They may also be subject to environmental factors that mobile phones typically avoid. Furthermore, intercoms require consistent, reliable connectivity for critical communication functions, unlike the more intermittent usage patterns of a mobile phone.

These distinctions highlight the importance of choosing a SIM card and tariff specifically suited to the demands of your Commtel intercom system.



For assistance in selecting the most suitable SIM card for your Commtel system, please click the icon, or contact our sales team: call +44(0)1306 710120 - (Option 2) or email [sales@commtel.io](mailto:sales@commtel.io)

## Our Tariffs

At Commtel, we believe in empowering our customers with control over their billing.

That's why we offer both flexible pay-monthly tariffs and streamlined pay-annually plans, designed to accommodate diverse financial preferences and operational requirements.

### Our Pay Monthly options

#### Essential Tariffs (Pay-Monthly):

Recommended for single dwelling residential properties, Command Units, diallers, or low-use commercial sites.

- **Networks: O2, Vodafone**
- **£4.50** monthly fee (subject to VAT)\*
- 100 minutes to UK numbers (calls up to 60 seconds)
- 100 texts to UK numbers (for SMS text alerts and programming confirmation responses)
- 100MB data included (for remote programming)\*\*
- 30-day rolling contract.

#### Data Tariffs (Pay-Monthly):

Commtel's data SIMs provide dedicated internet access for applications requiring robust data transfer. Ideal for remote monitoring, video streaming, and advanced diagnostics, these SIMs ensure seamless and reliable connectivity.

- **Networks: O2, Vodafone, EE**
- **£7.50** monthly fee (subject to VAT)\*
- 1GB data included
- 30-day rolling contract.

#### Unlimited Tariffs (Pay-Monthly):

Recommended for multi-dwelling residential properties (e.g., apartment blocks) or high-use commercial sites (e.g., buildings, industrial estates, schools).

- **Networks: O2, Vodafone, EE**
- **£16** monthly fee (subject to VAT)\*
- Unlimited calls to UK numbers
- Unlimited texts to UK numbers
- 100MB data included\*\*
- 30-day rolling contract.



### Our Pay Annually option

#### Unlimited Annual Tariffs (Pay-Annually):

Ideal for sites unable to set up a monthly direct debit. Recommended for multi-dwelling residential properties (e.g., apartment blocks) or high-use commercial sites (e.g., buildings, industrial estates, schools).

- **Networks: O2, Vodafone**
- **£192** annual fee (subject to VAT)\*
- Unlimited calls to UK numbers
- Unlimited texts to UK numbers
- 100MB data included\*\*
- Annual contract (upfront payment required).

\*All prices quoted are subject to VAT at the current rate and are subject to change.

\*\*A small amount of data is used for programming when done remotely using our software.

## Choosing the Right SIM

**Network Coverage:** Selecting a SIM card on the best network in the area is key. We recommend using a signal analyser to get an accurate signal reading at the intercom's antenna location.

**SMS & MMS Marketing:** Most SIM cards for mobile phones receive marketing messages, which can cause abnormal behaviour in intercoms. Contact the network provider to disable these messages.



PRODUCT MATRIX



NX1 NX250

PRODUCT CODES:  
NX1 PRODUCT CODES:  
NX250



SOLO SOLO+ DUO+ TRIO+ JUNIOR

PRODUCT CODES:  
4G: ML4SO  
SATELLITE: SMLSO PRODUCT CODES:  
4G: ML4SO+  
SATELLITE: SMLSO+ PRODUCT CODES:  
4G: ML2+  
SATELLITE: SML2+ PRODUCT CODES:  
4G: ML3+  
SATELLITE: SML3+ PRODUCT CODES:  
4G: ML4TJ  
SATELLITE: SMLTJ

|                                                  |         |         |
|--------------------------------------------------|---------|---------|
| Connectivity                                     | 4G - IP | 4G - IP |
| Number of Users / Number of Call Buttons         | 1       | 250     |
| User Capacity                                    | 500     | 1000    |
| Call Forwarding                                  | 6       | 6       |
| Access Codes                                     | 1500    | 15000   |
| Temporary Codes                                  | Y       | Y       |
| Authorised Dial-To-Open                          | 1500 *  | 15000 * |
| Relay Outputs Supplied                           | 3       | 3       |
| Auxiliary Inputs                                 | 2       | 2       |
| Activity Log                                     | Y       | Y       |
| Push Notifications                               | Y       | Y       |
| Internal Time Clock with Time Profiles           | Y       | Y       |
| Programmable Backlit OLED Display                | -       | Y       |
| Timed Trade Button                               | Y       | Y       |
| SMS Alerts                                       | -       | -       |
| Option for Anthracite Faceplate                  | -       | -       |
| Option for Flush Mounting (Stainless Steel Only) | -       | -       |
| Programmable via App                             | Y       | Y       |

|      |      |      |      |      |
|------|------|------|------|------|
| 4G   | 4G   | 4G   | 4G   | 4G   |
| 1    | 1    | 2    | 3    | 99   |
| -    | -    | -    | -    | -    |
| 7    | 7    | 7    | 7    | 7    |
| -    | 400  | 400  | 400  | 400  |
| -    | Y    | Y    | Y    | Y    |
| 1300 | 1300 | 1300 | 1300 | 1300 |
| 3    | 3    | 3    | 3    | 3    |
| 2    | 2    | 2    | 2    | 2    |
| Y    | Y    | Y    | Y    | Y    |
| -    | -    | -    | -    | -    |
| Y    | Y    | Y    | Y    | Y    |
| -    | -    | -    | -    | -    |
| -    | Y    | Y    | Y    | Y    |
| Y    | Y    | Y    | Y    | Y    |
| Y    | Y    | Y    | Y    | Y    |

\* SIP Subscription required, find out more in the product user guide, downloadable on our website

Our supportive sales team is ready to assist you with solving your secure entry needs. Call +44(0)1306 710120 - (Option 2) or email sales@commtel.io

PRODUCT MATRIX



VARIO/VARIO+

PRODUCT CODES:  
4G: 4BD(X) / 4BDC(X)  
SAT: SBD(X) / SBDC(X)



MILLENNIUM

PRODUCT CODES:  
4G: 4BDTM  
SATELLITE: SBDTM



VISION

PRODUCT CODES:  
4G: 6BDM



SENIOR

PRODUCT CODES:  
4G: 4BDTS  
SATELLITE: SBDTS



HUB

PRODUCT CODES:  
4G: 4TH  
LANDLINE: LTH



TELPAD II

PRODUCT CODES:  
TTP2



COMMAND UNIT

PRODUCT CODES:  
4TGCU

|                                                  |            |      |
|--------------------------------------------------|------------|------|
| Connectivity                                     | 4G         | 4G   |
| Number of Users / Number of Call Buttons         | 2-10 / 1-6 | 1000 |
| User Capacity                                    | -          | -    |
| Call Forwarding                                  | 7          | 7    |
| Access Codes                                     | NA / 400   | 400  |
| Temporary Codes                                  | Y          | Y    |
| Authorised Dial-To-Open                          | 1300       | 1300 |
| Relay Outputs Supplied                           | 3          | 3    |
| Auxiliary Inputs                                 | 2          | 2    |
| Activity Log **                                  | Y          | Y    |
| Push Notifications                               | -          | -    |
| Internal Time Clock with Time Profiles           | Y          | Y    |
| Programmable Backlit OLED Display                | -          | Y    |
| Timed Trade Button                               | N / Y      | Y    |
| SMS Alerts                                       | Y          | Y    |
| Option for Anthracite Faceplate                  | -          | Y    |
| Option for Flush Mounting (Stainless Steel Only) | -          | -    |
| Programmable via App                             | Y          | Y    |

|      |      |               |                       |      |
|------|------|---------------|-----------------------|------|
| 4G   | 4G   | 4G / Landline | -                     | 4G   |
| 1000 | 1000 | -             | -                     | -    |
| -    | -    | -             | -                     | -    |
| 7    | 7    | -             | -                     | -    |
| 400  | 400  | -             | 400 *                 | -    |
| Y    | Y    | -             | Y *                   | -    |
| 1300 | 1300 | -             | 1300 **               | 1300 |
| 3    | 3    | 3             | -                     | 1    |
| 2    | 2    | 1             | -                     | 1    |
| Y    | Y    | Y             | As per connected unit | Y    |
| -    | -    | -             | -                     | -    |
| Y    | Y    | Y             | As per connected unit | Y    |
| Y    | Y    | -             | -                     | -    |
| Y    | Y    | -             | Y                     | -    |
| Y    | Y    | Y             | Y *                   | Y    |
| -    | -    | -             | Y                     | -    |
| -    | -    | -             | -                     | -    |
| Y    | Y    | Y             | As per connected unit | Y    |

\* Shared with connected Commtel unit.  
\*\* This is available by a request from aour Technical Support Team

Our supportive sales team is ready to assist you with solving your secure entry needs. Call **+44(0)1306 710120** - (Option 2) or email **sales@commtel.io**



# CUSTOM SOLUTIONS

Commtel understands that every project presents unique challenges. That's why we offer fully customisable intercom solutions.

Going beyond standard offerings, we collaborate with you to create tailored systems that seamlessly integrate into your project design and deliver optimal functionality.

We can accommodate site-specific dimensions to ensure perfect integration, and offer variable button configurations with up to 100 buttons for large-scale or complex applications. Tailored button layouts optimise the user experience, while personalised aesthetics are achievable through engraving and a variety of finishes.

To enhance accessibility, we can integrate a Hearing Aid Induction Loop. Furthermore, we provide the option for expanded functionality with cut-outs to house proximity readers, Bluetooth readers, biometrics, fire switches, and cameras.

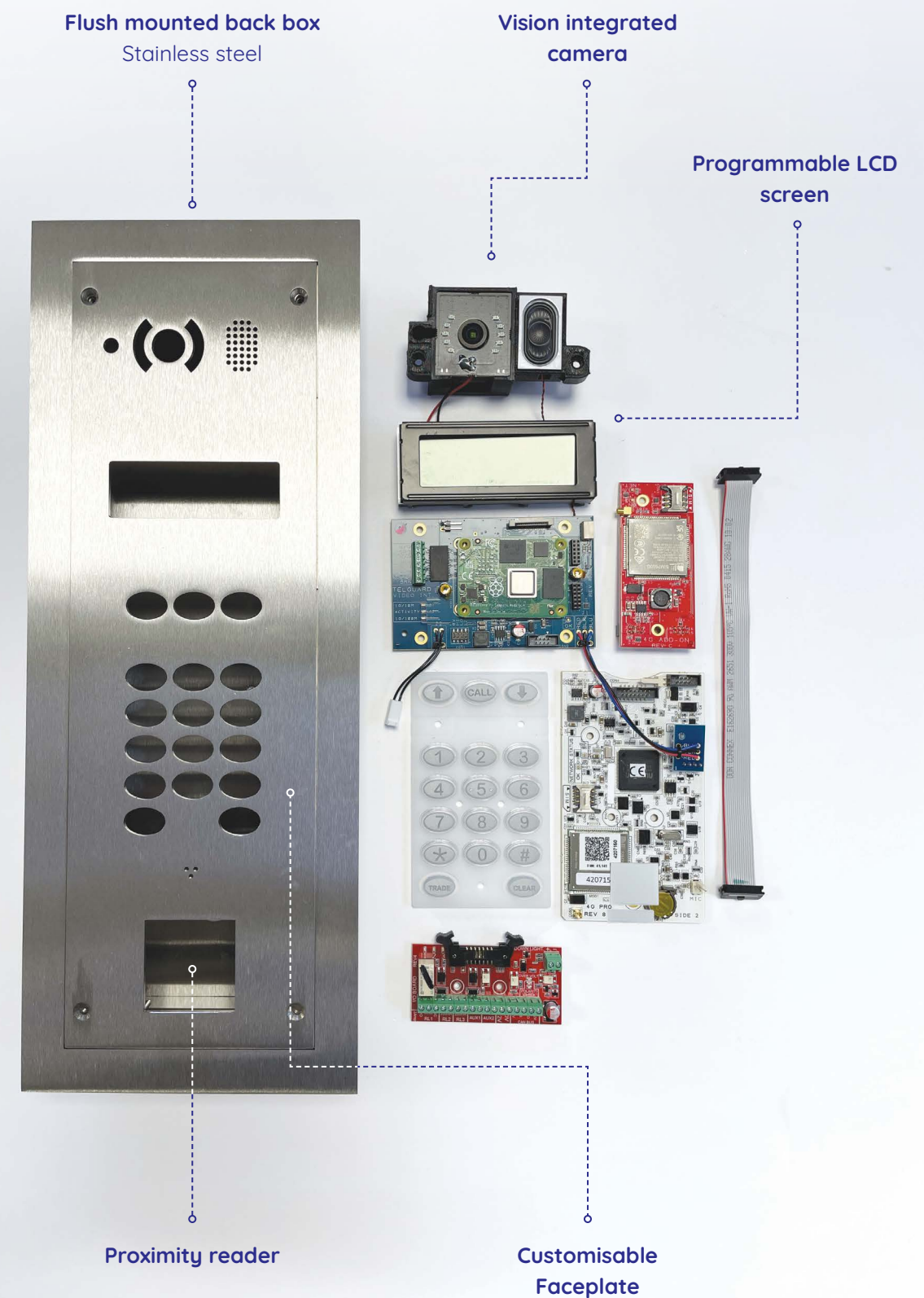
Our supportive sales team is ready to assist you with your custom intercom needs.

Call +44(0)1306 710120 - (Option 2).



## YOUR VISION. Our Expertise.

At Commtel, we understand that off-the-shelf solutions don't always meet the unique demands of every project. That's why we offer extensive customisation options, allowing you to create secure entry systems that perfectly align with your vision.





# APPS

We know your time is valuable. That's why we have created a suite of intuitive, user-friendly apps designed to give you complete control from the palm of your hand.

Our apps are a direct extension of our commitment to seamless, user-centric solutions. They simplify every stage of the process, from a quick and easy setup to ongoing management and seamless operation.

With tools that make installation faster and features that give end-users effortless control, we're providing the support you need, when you need it most.

We don't just build products; we build solutions that work for you.



You can download the Commtel apps for free, from either the Android or iOS app stores.

## INSTALLER PROGRAMMING APP



### Commtel CONFIG App

The Commtel CONFIG app makes it quick and easy to program and manage your Commtel intercoms or your Command Unit.

For user instructions within the app, you can click on the help icon in the top right of the screen.

[Download the Commtel CONFIG User Guide](#)

## END-USER APPS



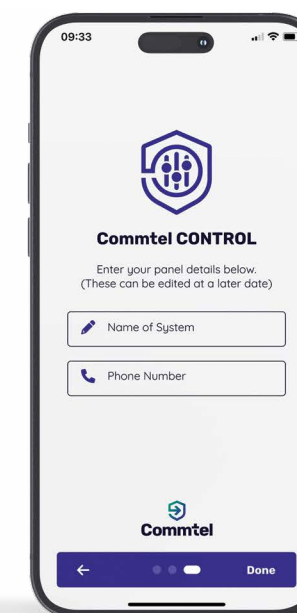
### Commtel NEXUS

Allows users to see and speak to their visitors, as well as configuring their NX1 and NX250 intercoms.



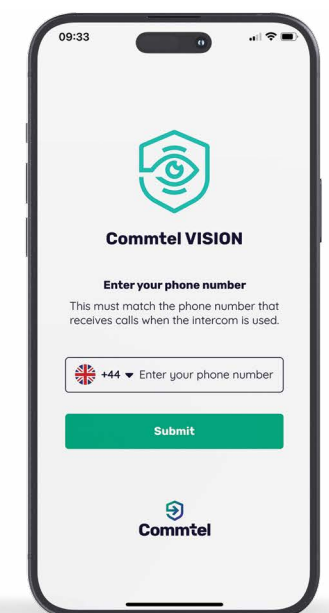
### Commtel CU COMPANION

Lets users control and configure their Command Unit using simple SMS commands.



### Commtel CONTROL

Control your Commtel systems using simple SMS commands.



### Commtel VISION

Allows users to view the video feed when receiving a call from the Vision intercom.



For nearly four decades,  
CommTel has consistently  
pushed boundaries to deliver  
leading performance and  
unwavering reliability.

From our initial vision in 1985, CommTel's history is defined by our commitment to innovation and quality. We've consistently adapted to technological leaps, from landlines to GSM, 4G, and now IP,, ensuring reliable, future-proofed solutions.

Our focus on user experience is evident in our programming and control apps, simplifying installation and enhancing convenience.

As we look ahead, we're dedicated to expanding with IP-based solutions, continuing our legacy of robust, reliable secure entry systems.

|               |                                                                                 |
|---------------|---------------------------------------------------------------------------------|
| <b>Future</b> | Focused on growth and the development of IP-based secure entry offerings.       |
| <b>2025</b>   | Development and release of the first Commtel IP Intercom, <b>The NX1</b> .      |
| <b>2023</b>   | Launched the <b>VISION</b> video intercom, an innovation in the product range.  |
| <b>2019</b>   | Transitioned GSM products to 4G, providing future-proofed solutions.            |
| <b>2018</b>   | Launched programming and control apps, enhancing user experience.               |
| <b>2017</b>   | Introduced the Distribution range, designed for installer convenience.          |
| <b>2016</b>   | Introduction of the Command Unit.                                               |
| <b>2006</b>   | Launched first GSM-based solutions, providing greater installation flexibility. |
| <b>2000</b>   | Expanded our product range through ongoing research and development.            |
| <b>1992</b>   | Achieved BABT approval, a market first, for the Senior product.                 |
| <b>1985</b>   | Initial concept for landline-based secure entry technology.                     |

We understand that every project presents unique considerations.

Use this space to record your thoughts, questions, and project details. From model comparisons to custom ideas, these notes will help you make informed decisions.

Ready to discuss your project?

Contact our sales team today.

Call our team on +44(0)1306 710120 - (Option 2)  
or email [sales@commtel.io](mailto:sales@commtel.io)

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 [www.commtel.io](http://www.commtel.io)



Cert No. 12535  
ISO 27001



Raising Standards  
Advancing Safety

