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Optimus

From Commtel

PRODUCT BROCHURE

July • 2026

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 – Our joint customer, the installer.

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 COMMTEL 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.

WHY OPTIMUS

Optimus is more than just a product offering, it's a strategic collaboration designed for you: our partners.

Built on a foundation of trust and a shared vision for success, Optimus is our commitment to providing you with a reliable range of products that are easy to sell, simple to stock, and backed by a name you can trust.

We understand that in the fast-paced security industry, you need solutions that are ready to go. Optimus products are meticulously designed to work right out of the box, ensuring quick and seamless integration with automated gates, barriers, and doors. This means fewer complications for your installers and a smoother experience for your customers.

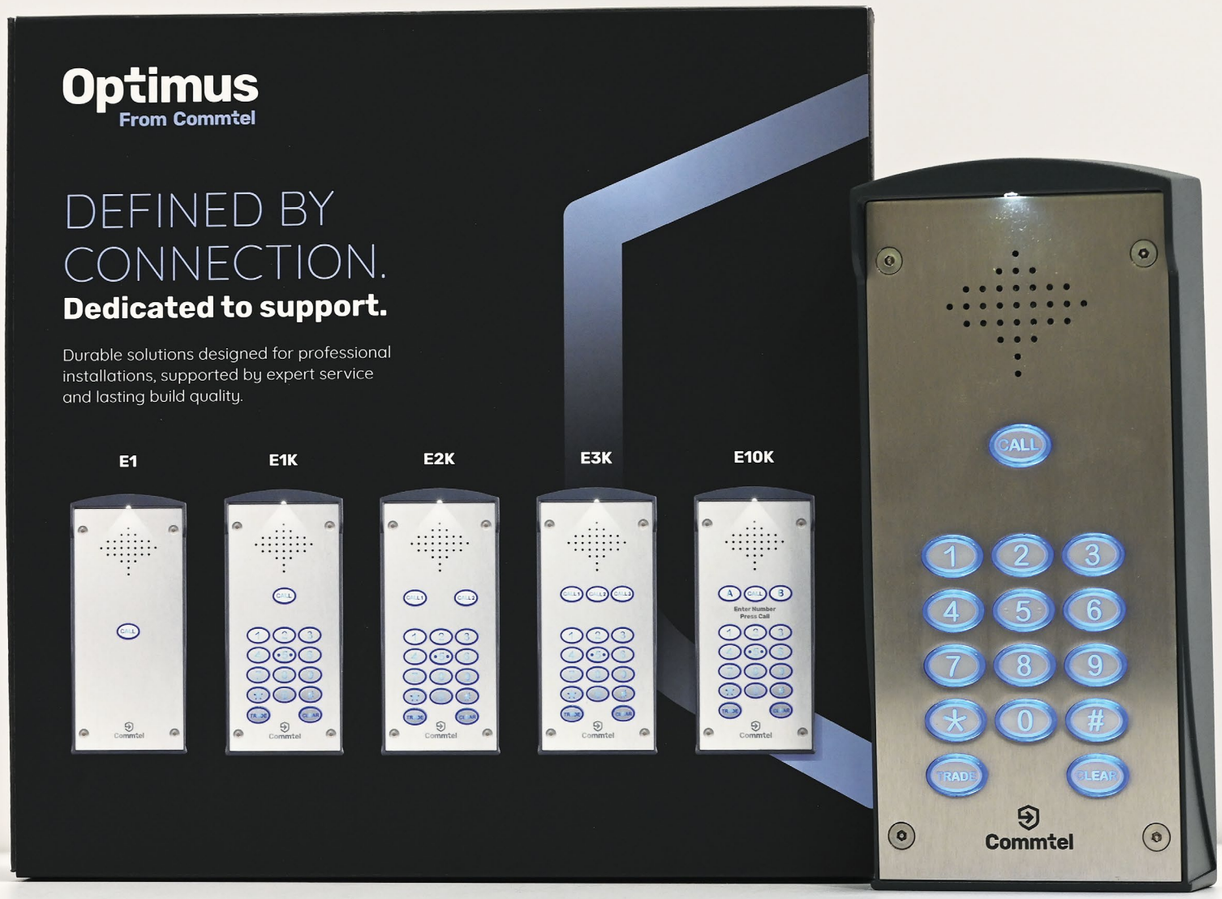
Every Optimus intercom is supported by our free, user-friendly apps and a 2-year return-to-manufacturer warranty, offering your customers peace of mind and reinforcing the value of your offering.

By partnering with us, you're not just stocking a product, you're joining a partnership **Defined by Connection**, where we are both **Dedicated to Support** and committed to building a profitable, enduring future, together.

Optimus – Our partnership, defined by connection, delivered with a purpose.

This product is engineered to be the most dependable and straightforward solution for our joint customers.

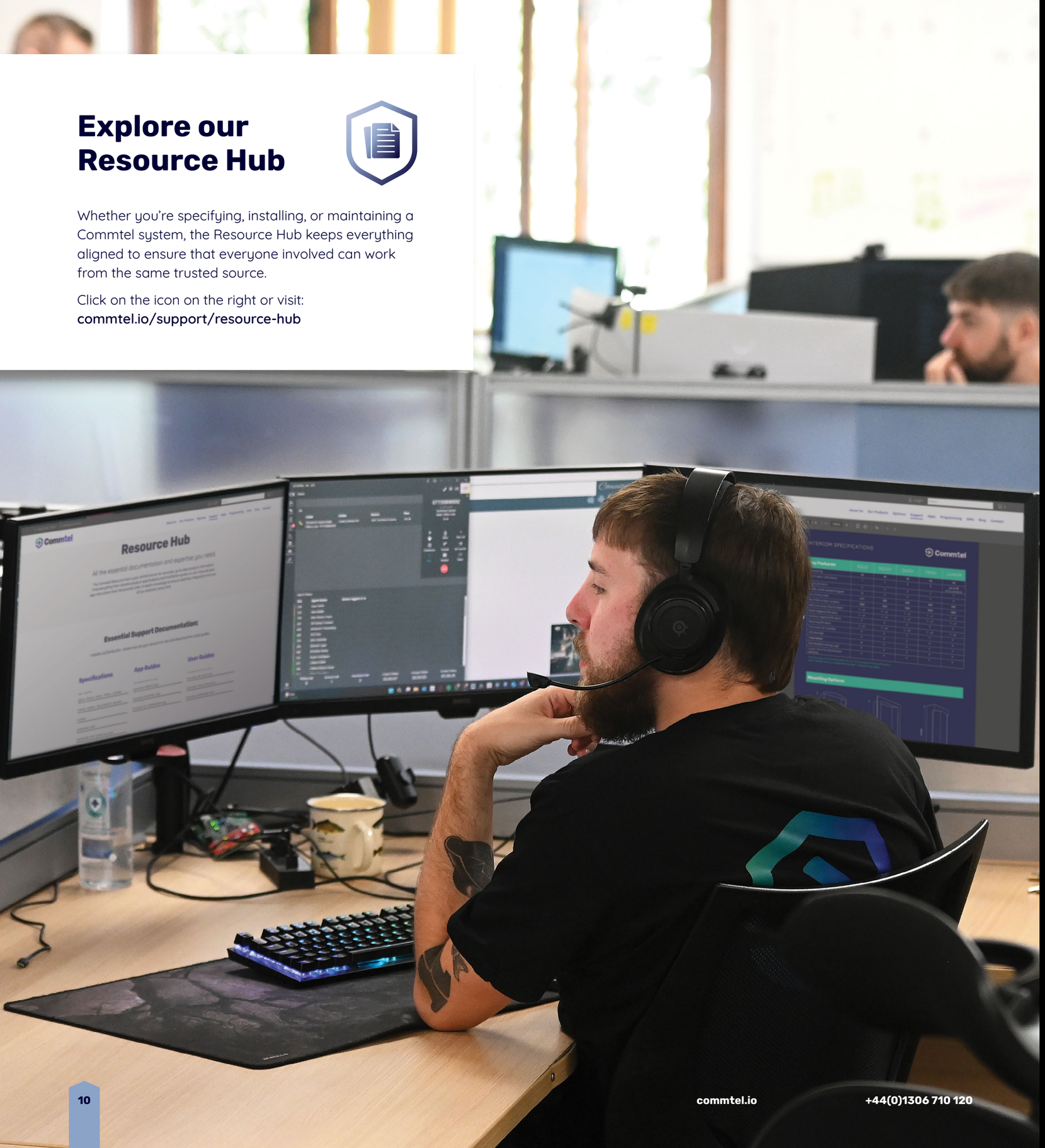
Every detail, from its out-of-the-box functionality to its robust design, is built to simplify the process and ensure a reliable result. By offering Optimus, you are providing a product that is a clear promise of quality and a testament to our shared commitment to success.



Explore our Resource Hub

Whether you're specifying, installing, or maintaining a Commtel system, the Resource Hub keeps everything aligned to ensure that everyone involved can work from the same trusted source.

Click on the icon on the right or visit:
commtel.io/support/resource-hub



RESOURCE HUB

As part of our renewed focus on support and simplicity, we've created a dedicated Resource Hub; a single, central space designed to make your working life easier.

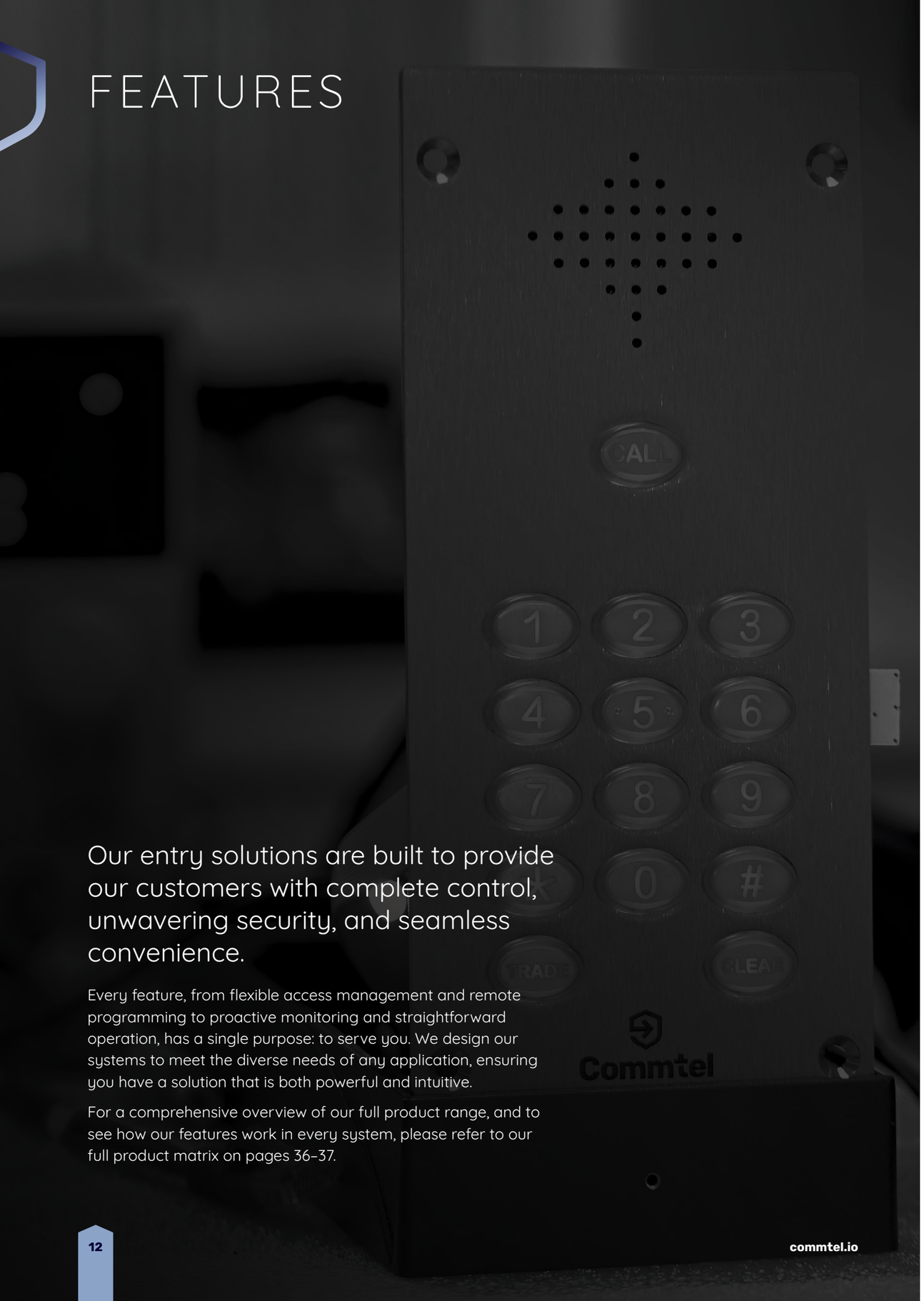
We know that reliable information is as vital as reliable products. From installation to everyday use, having the right documentation at hand ensures every Commtel system performs exactly as intended. The Resource Hub brings all our product knowledge together in one accessible place, giving you confidence that you're always working from the most accurate, up-to-date information.

You'll now have direct access to:

- **Installation Guides:** Step-by-step setup for each product (Requires you to be logged in on the website)
- **Specification Documents:** Detailed technical information
- **User Guides:** Clear instructions for day-to-day operation
- **App Guides:** Practical support for connected solutions

The Resource Hub is more than a library; it's part of how we're evolving as a company. It represents our promise to make quality not just something you can see and feel, but something you can depend on at every stage of your experience with Commtel.

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 36–37.

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.

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.

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.

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.

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.

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.

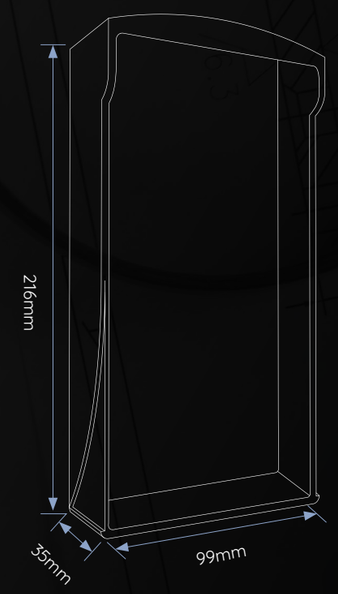
Optimus Back Boxes

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:

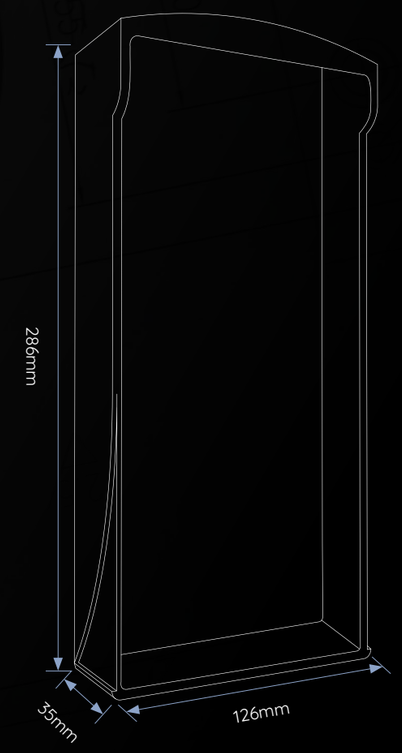
- **Our standard Die-Cast Back Box:** Balancing a sleek profile with sufficient space for connections and mounting. This back box is used across most of the Optimus range, including the popular **E1K**.
- **The Large Die-Cast Back Box:** Our larger intercoms, the **E100K** and **E500K**, feature an expanded back box designed to house the OLED display.

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**

Standard cast
(40mm overall depth)



Large cast
(40mm overall depth)



E1K

Page 19

E100K

Page 23

STAINLESS STEEL OR BLACK. THE CHOICE IS YOURS.

The E1K is designed for sites where a single call point and integrated keypad are all that's needed. It provides secure visitor calling, PIN access and Dial-to-Open within one straightforward panel, making it suitable for residential gates, commercial entrances and shared access points.

The addition of a black powder-coated faceplate gives installers another finish to choose from, while retaining the same dimensions, installation process and functionality. Whether you choose stainless steel or black, the panel installs and operates exactly the same.

Features

- Single call button with integrated keypad
- Remote programming using **Commtel CONFIG**
- Up to **100** authorised Dial-to-Open numbers
- Up to **100** PIN codes
- Built-in time clock
- Stainless steel or black faceplate.

The same E1K. The same installation. Now with a choice of finish.

E1

Faceplate Finish

STAINLESS STEEL

Click the icon to learn more about the **E1**

The **E1** intercom delivers reliable entry control through essential functionality.

Designed for straightforward communication, the **E1** provides a practical solution for secure entry.

Intelligent Call Management

The **E1** 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

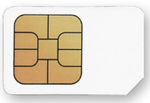
The **E1** intercom offers tailored access management and robust security features.

- **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 38 – 41.

Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** 316 Marine grade stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated black (RAL 9005).



Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 34.

The **E1K** 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 **E1K**'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 38 – 41.

Flexible Configuration & Streamlined Management

- **Versatile Hub & Satellite Configuration:** For properties with multiple entry points or where different heights are needed for various vehicles.

(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

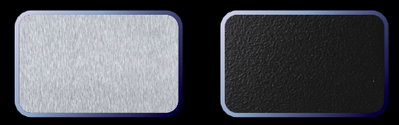
- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** 316 Marine grade stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated black (RAL 9005).

Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 34.

E1K

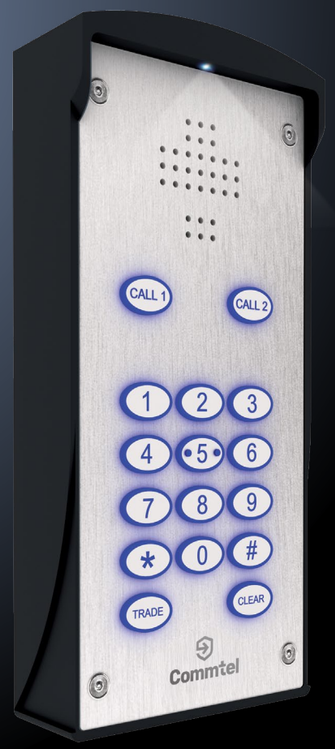
Faceplate Finish



STAINLESS STEEL BLACK

Click the icon to learn more about the **E1K**

E2K



Faceplate Finish

STAINLESS STEEL

Click the icon to learn more about the **E2K**

The **E2K** 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 E2K is a cost-effective alternative for applications requiring separate communication at a shared entrance.

Advanced Secure Entry

The E2K intercom, like the E1K, 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.

For a comprehensive list of features, please refer to our product matrix on pages 38 – 41.

Flexible Configuration

- **Hub & Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles.

See page 24 for more information.

Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** 316 Marine grade stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated black (RAL 9005).

Commtel CONTROL App

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

E3K

Faceplate Finish

STAINLESS STEEL

Click the icon to learn more about the **E3K**

The **E3K** intercom, much like the **E2K**, 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 **E3K** continues to be a cost-effective alternative where separate communication at a shared entrance is required.

Advanced Secure Entry

The **E3K** 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.

For a comprehensive list of features, please refer to our product matrix on pages 38 – 41.

Flexible Configuration

- **Hub & Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles.

See page 24 for more information.

Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** 316 Marine grade stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated black (RAL 9005).

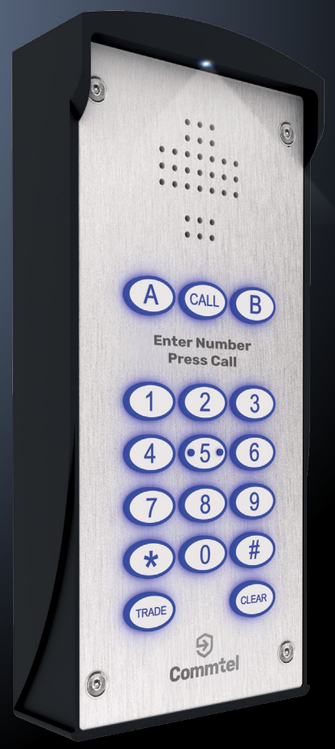
Commtel CONFIG App

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 34.

E10K



Faceplate Finish

STAINLESS STEEL

Click the icon to learn more about the **E10K**

The **E10K** intercom is a multi-user system designed to serve up to 10 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 entry code.

The **E10K** is engineered with a range of valuable features to provide residents with convenience, security, and peace of mind.

Advanced Secure Entry

The **E10K** 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.

For a comprehensive list of features, please refer to our product matrix on pages 38 – 41.

Flexible Configuration

- **Hub & Satellite Configuration:** For sites with multiple entry points or where varying mounting heights are required for different vehicle types.

Further details are available on page 24.

Product Specifications

- **Dimensions:** H 216 x W 99 x D 35 mm
- **Faceplates:** 316 Marine grade stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated black (RAL 9005).

Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 34.

E100K / E500K

Faceplate Finish

STAINLESS STEEL

Click the icon to learn more about the **E100K / E500K**

Our **E100K & E500K** intercoms are high-capacity solutions designed to serve up to either 100 or 500 dwellings (depending on chosen model).

Featuring a user-friendly scrolling OLED navigation screen, the **E100K / E500K** offers simple and convenient visitor entry, making it an excellent choice for apartment blocks, industrial estates, and large office environments.

Advanced Secure Entry

The **E100K / E500K** 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.

For a comprehensive list of features, please refer to our product matrix on pages 38 – 41.

Flexible Configuration

- **Hub & Satellite Configuration:** For sites with multiple entry points or where different mounting heights are required for various vehicles.

Further details can be found on page 24.

Product Specifications

- **Dimensions:** H 286 x W 126 x D 35 mm.
- **Faceplates:** 316 Marine grade stainless steel.
- **Surface Back Box:** Moulded aluminium, powder-coated black (RAL 9005).

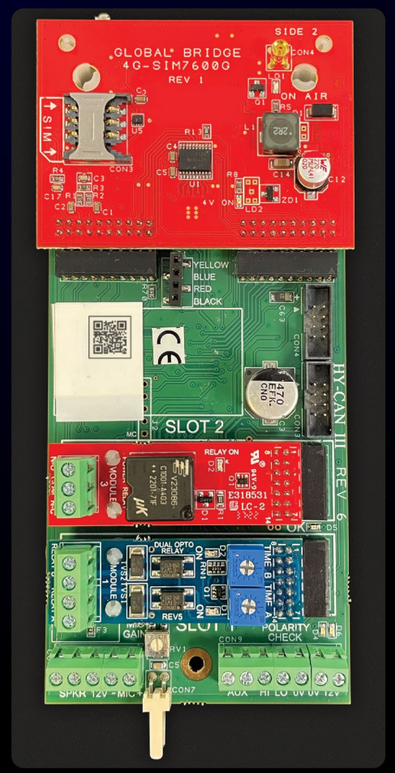
Commtel CONTROL App

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

Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 34.

HUB



Hub & Satellite

Hub & Satellites offer a flexible, secure, and cost-effective solution for simplifying multi-point entry.

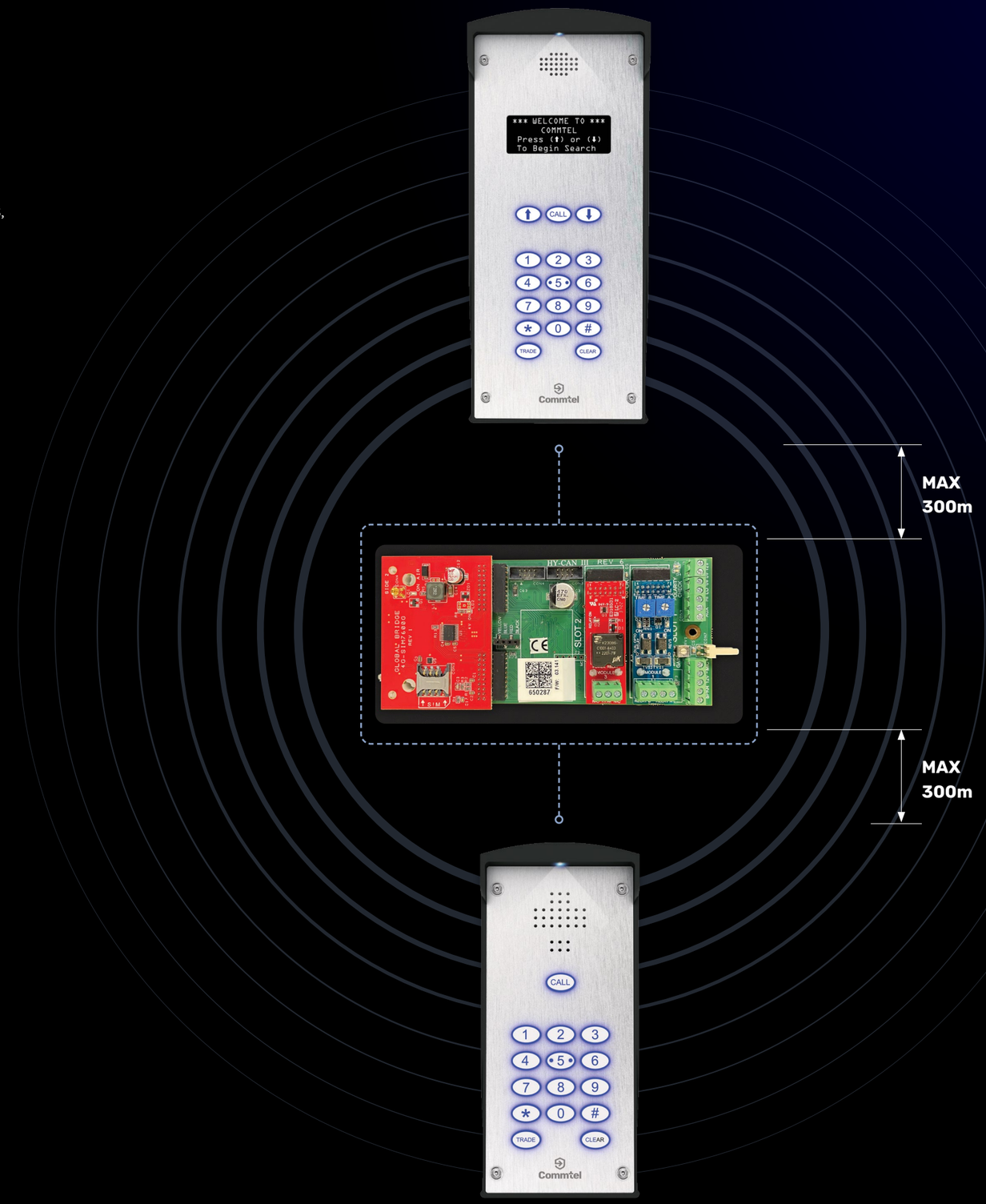
Purpose-built for sites with multiple entrances, such as schools, lorry parks, or properties requiring separate vehicle and pedestrian access, the system allows installers to configure each installation to suit the site.

Select the Hub and the number and required Satellite Panels required to suit different entrances and traffic levels. Satellites mirror the Hub's programming, helping maintain a consistent configuration across every entry point.

Centralised Control That Simplifies Management and Reduces Costs.

By centralising connectivity through a single SIM card in the Hub, Hub & Satellite systems minimise network costs and reduce ongoing operational expenses.

Programming is carried out through the Hub using the Commtel CONFIG app, allowing multiple Satellites to be configured at the same time for a faster installation. The Hub also houses the core system hardware and can be located securely away from entry points, helping protect it against tampering while improving long-term reliability.



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 34.

ALSO AVAILABLE FROM COMMTEL

Commtel

Commtel's IP intercoms are designed to deliver reliable, connected entry across a wide range of sites.

Built on our experience in telecommunications, the NX1 and NX250 provide scalable, adaptable solutions that support modern access requirements without adding unnecessary complexity.

Why IP Intercoms?

IP intercoms use network connectivity to provide video, remote management, and scalable system control.

For installers, this means a system that integrates into existing infrastructure while remaining easy to configure, expand, and support over time.

- Network-based connectivity
- Remote system management
- Scalable across site sizes
- Supports video and app-based control.

For more information on how Commtel IP intercoms can support your next project, contact the team on +44 (0)1306 710120 or email sales@commtel.io

NX1 & NX250

The NX1 offers a compact solution suited to smaller or single-entry sites.

The NX250 is designed for larger or multi-user environments, supporting up to 250 properties and 1,000 users, with a clear OLED directory for easy navigation.

Both systems support 4G and Ethernet connectivity as standard, providing flexibility across different installation scenarios.

System Setup & User Control

System setup and configuration is carried out using the Commtel CONFIG app, allowing installers to programme and manage systems remotely.

The Commtel NEXUS app provides end-user control, enabling users to receive calls, view visitors, and manage access directly from their device.

NX250 NX1

Experience the difference that comes from a genuine partnership.

www.commtel.io

SMART ACCESS. WHEREVER YOU ARE.

Through the Commtel NEXUS app, NX intercoms connect with familiar technology like Apple CarPlay, Siri, Google Home, and Alexa, allowing access to be managed away from the entrance using devices people already rely on day to day.

Android Auto & Apple CarPlay

Android Auto Apple CarPlay

Open the gate without leaving the driver's seat.

When a user's phone is connected to Apple CarPlay or Android Auto, the NEXUS app becomes available directly on the vehicle's display. That means the entrance can be opened from the dashboard screen while arriving at the property with no need to reach for a phone or make a call.

For sites where vehicles are constantly arriving and leaving, it's a simple way to make entry faster and more convenient.

Key benefits

- Access the Commtel NEXUS app through the vehicle display.
- Trigger gate or barrier relays from the dashboard.
- Ideal for residential driveways and vehicle entrances.
- Designed to work seamlessly with the NX IP intercom.

Voice Assistants

Works with Google Home, Siri and Alexa, allowing entry to be controlled through familiar voice assistants.

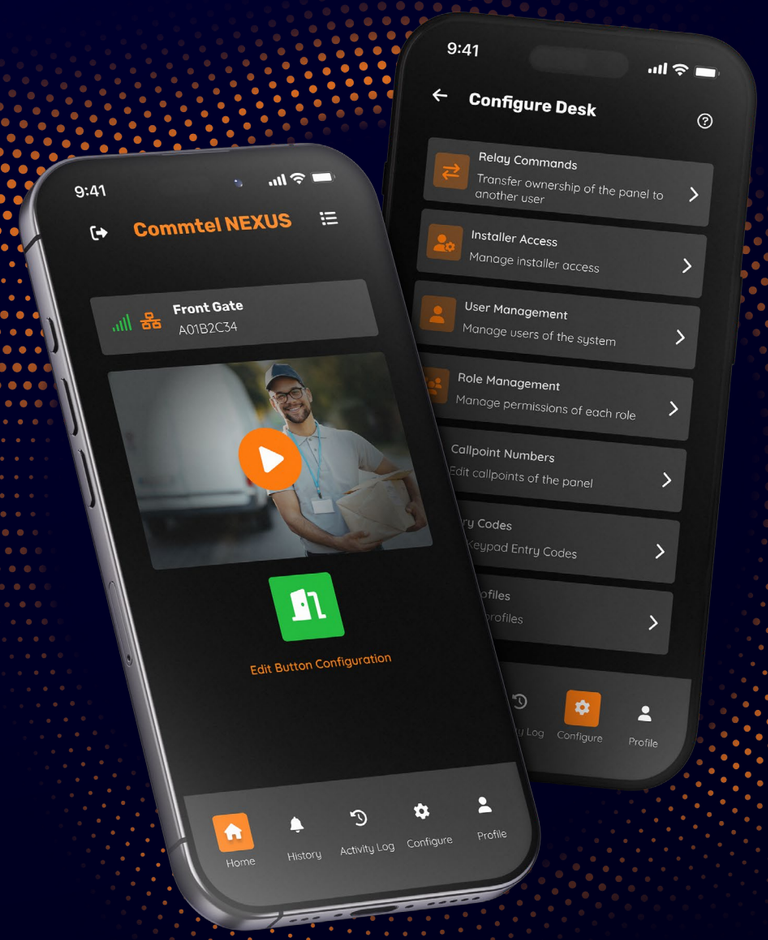
NX intercom systems integrate with the NEXUS app to enable voice-triggered access. Commands issued through a connected device are processed securely, allowing authorised users to open an entrance without needing to navigate the app or place a call.

This creates a more natural way to manage entry, whether granting access from inside the property, responding from the office, or arriving at the entrance. The interaction is simple, immediate and fits into how users already interact with their devices.

Typical uses

- Granting access without reaching for a phone.
- Hands-free control from inside a property.
- Simple interaction with a familiar device.
- Built Around the Commtel NEXUS App.

Commtel NEXUS App



Commtel CONFIG App

A purpose-built app for installers to set up Commtel systems.

System configuration is handled here where the installer defines call routing, access permissions and system behaviour, preparing the system for day-to-day use.

The NEXUS app acts as the user interface for NX systems, handling calls, notifications and access requests during day-to-day use.

Connecting the intercom to the user's device, enabling new ways to interact with the system, from in-app control to voice commands and in-vehicle access.

NX1

Faceplate Finish

BLACK (RAL 9005)

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, contact our sales team today. call +44(0)1306 710120 – (Option 2) or email sales@commtel.io.

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.

NX250

Faceplate Finish

BLACK (RAL 9005)

Click the icon to learn more about the 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, contact our sales team today. call +44(0)1306 710120 – (Option 2) or email sales@commtel.io.

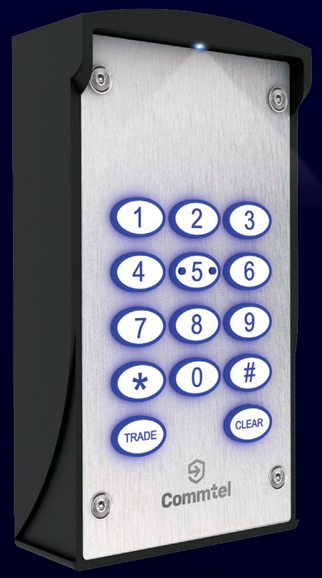
Product Specifications

- **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 34.

TELPAD II



Faceplate Finish Options

STAINLESS STEEL

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 38 – 41.

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.
- **Surface Back Boxes:** Surface back boxes are moulded aluminium, powder-coated black (RAL 9005).

COMMAND UNIT

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 38 – 41.

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 36 for more information).

Commtel CONFIG App

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

Commtel CU COMPANION App

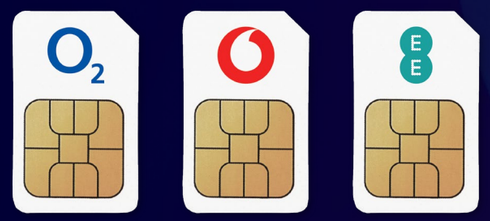
Allows users to programme and control the Command Unit system using the CU COMPANION app.

Choose the right SIM.

Discover the Commtel SIM tariff options, detailed on page 34.

Click the icon to learn more about the COMMAND UNIT

SIM CARDS FROM COMMTEL



Ensuring a reliable connection starts with selecting the right SIM.

With so many networks and tariffs to choose from, finding one that truly suits your Commtel intercom can be challenging. Most SIM cards are built for use in mobile phones, not for static systems like intercoms, which have very different demands.

That's why it's important to choose a SIM that's purpose-built for consistent performance.

Key Considerations

Intercoms operate differently to mobile phones. They're often installed in areas where signal strength varies and exposed to conditions a phone would never face. More importantly, they rely on a stable connection to deliver critical communication, every time.

Selecting a SIM and tariff designed for machine use ensures your Commtel intercom performs as it should: reliably, securely, and without interruption.

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.

Marketing messages:

Standard mobile SIMs often receive SMS or MMS marketing messages, which can interfere with intercom performance. Ask your network provider to disable these messages before use.

Our SIM 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.

Voice & SMS SIMs

Voice & SMS SIMs are suited to audio intercoms, remote relay control, and installations using voice calling, SMS commands, or event alerts. Essential tariffs are typically suited to lower-use sites such as single dwellings, gates, barriers, or occasional access systems.

Our unlimited tariffs are better suited to multi-resident or higher-traffic installations where regular call activity is expected.

Essential Tariff *(Pay-Monthly)*

- Networks: O2 or Vodafone
- **£4.95** monthly fee + VAT*
- 100 calls & texts to UK numbers**
- 100MB data included (for remote programming)***
- 30-day rolling contract.

Unlimited Tariff *(Pay-Monthly)*

- Networks: O2, Vodafone & EE
- **£16.50** monthly fee + VAT*
- Unlimited calls & texts to UK numbers**
- 100MB data (O2 & Vodafone) 250MB data (EE)***
- 30-day rolling contract.

Unlimited Annual Tariff *(Pay-Annually)*

- Networks: O2, Vodafone
- **£198** annual fee + VAT*
- Unlimited calls & texts to UK numbers**
- Monthly data allowance of 100MB (O2 & Vodafone)***
- Annual contract (upfront payment required).

Data SIMs

Our Data SIMs are intended for IP and video-based systems using app connectivity or video transmission where stable data communication is required.

Multi-network connectivity helps maintain stable communication in areas where signal availability may vary.

Data Tariff *(Pay-Monthly)*

- Multi-Networks: Covering O2, Vodafone & EE
- **£7.50** monthly fee + VAT*
- 1GB data included***
- 30-day rolling contract.

Data Tariff *(Pay-Annually)*

- Multi-Networks: Covering O2, Vodafone & EE
- **£90** annual fee + VAT*
- 1GB data included***

* All prices quoted are subject to change.
** Texts used for SMS text alerts and programming confirmation responses.
*** A small amount of data is used for programming when done remotely using our software.

Tariff & Network Guidance

For assistance in selecting the most suitable SIM card for your intercom system, please click the icon, or contact our sales team: call +44(0)1306 710120 - (Option 2) email sales@commtel.io, or visit: **commtel.io/sim-cards/**

APPS FROM COMMTEL

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.

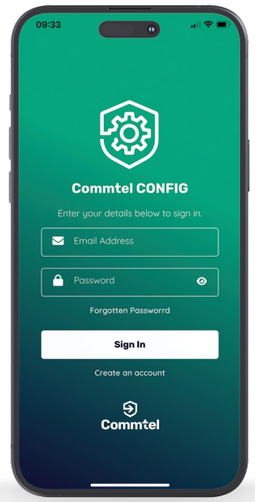
Our apps are a direct extension of our commitment to seamless, user-centric solutions. They simplify every stage of the process, from a quick and easy setup to ongoing management and seamless operation.

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



on +

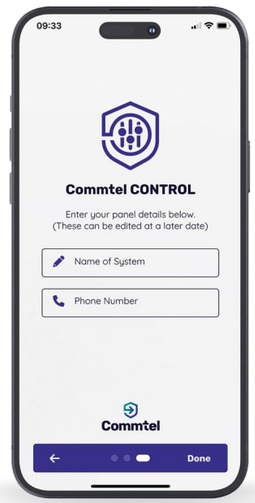
Commtel CONFIG App

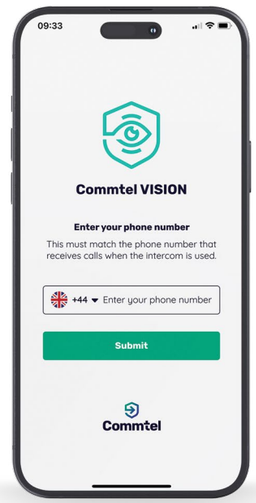
The Commtel CONFIG app makes it quick and easy to program and manage your Commtel intercoms or your Command Unit.

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 vistors, 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.

PRODUCT MATRIX

E1

PRODUCT CODE:
E1

E1K

PRODUCT CODE:
E1K

E1K-B

PRODUCT CODE:
E1K-B4G

E2K

PRODUCT CODE:
E2K

E3K

PRODUCT CODE:
E3K

E10K

PRODUCT CODE:
E10K

E100K

PRODUCT CODE:
E100K

E500K

PRODUCT CODE:
E500K

	E1	E1K	E1K-B	E2K	E3K	E10K	E100K	E500K
Connectivity	4G	4G	4G	4G	4G	4G	4G	4G
Number of User / Number of Call Buttons	1	1	1	2	3	10	100	500
Number of Call Diverts	3	3	3	3	3	3	3	3
Backlit Vandal-Reistant Keypad	-	Y	Y	Y	Y	Y	Y	Y
OLED Display with Scrolling Navigation	-	-	-	-	-	-	Y	Y
Number of Entry Codes	N/A	100	100	100	100	100	200	500
Number of Dial-To-Open Numbers	100	100	100	100	100	100	200	500
Auxiliary Triggered SMS Alerts	Y	Y	Y	Y	Y	Y	Y	Y
Recurring SMS Alerts	Y	Y	Y	Y	Y	Y	Y	Y
Internal Time Clock with Time Profiles	Y	Y	Y	Y	Y	Y	Y	Y
LED Downlight	Y	Y	Y	Y	Y	Y	Y	Y
Trade Button	N	Y	Y	Y	Y	Y	Y	Y
Downloadable Activity Log *	Y	Y	Y	Y	Y	Y	Y	Y
Programmable via App	Y	Y	Y	Y	Y	Y	Y	Y
2-year return-tomanufacturer warranty	Y	Y	Y	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.

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

	HUB	NX1	NX250	TELPAD II	COMMAND UNIT
	PRODUCT CODES: 4THK	**PRODUCT CODES:** NX1	**PRODUCT CODES:** NX250	**PRODUCT CODES:** TTP2	**PRODUCT CODES:** 4TGCU
Connectivity	4G	4G - IP	4G - IP	-	4G
Number of Users / Number of Call Buttons	-	1	250	-	-
User Capacity	-	500	1000	-	-
Call Forwarding	-	6	6	-	-
Access Codes	-	1500	15000	400 *	-
Temporary Codes	-	Y	Y	Y *	-
Authorised Dial-To-Open	-	1500 *	15000 *	1300 **	1300
Relay Outputs Supplied	3	3	3	-	1
Auxiliary Inputs	1	2	2	-	1
Downlaodable Activity Log	Y	Y	Y	As per connected unit	Y
Push Notifications	-	Y	Y	-	-
Internal Time Clock with Time Profiles	Y	Y	Y	As per connected unit	Y
Programmable Backlit OLED Display	-	-	Y	-	-
Timed Trade Button	-	Y	Y	Y	-
SMS Alerts	Y	-	-	Y *	Y
Programmable via App	Y	Y	Y	As per connected unit	Y

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

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Your Notes

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

Optimus
From Commtel

A Foundation of Trust.

For over three decades, our commitment has been to the people we serve.

With Optimus, we've channeled that expertise into a product offering that embodies our core principles. We believe that the most valuable connections are the ones that last.

We've designed more than just a product line, we've engineered a solution built on our unwavering commitment to quality and your success. This is our promise to you – a partnership where we work side-by-side to build a more connected future, together.

Optimus
From Commtel

COMMTEL_Optimus Brochure_4-26_Digital Version 5

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