

# optimus

4G LTE INTERCOMS



## DOOR ENTRY & ACCESS CONTROL SOLUTIONS

by COMMTEL LTD

An entry-level range of  
4G LTE intercoms.  
Designed to work out of the  
box with automated doors,  
gates and barriers.

## CATALOGUE 2020



Raising Standards  
Safety Assured



## 4G LTE INTERCOMS

## STAND ALONE PRODUCT RANGE



**E1**

Max. Dimensions:  
H 224 x W 96 x D 40

No of Users : 1

**E1K**

Max. Dimensions:  
H 224 x W 96 x D 40

No of Users : 1

**E2K**

Max. Dimensions:  
H 224 x W 96 x D 40

No of Users : 2

**E3K**

Max. Dimensions:  
H 224 x W 96 x D 40



No of Users : 3

**E10K**

Max. Dimensions:  
H 224 x W 96 x D 40

No of Users : 10

## MAIN FEATURES AT A GLANCE

- 2 Year Manufacturer Warranty.
- Call Forwarding ~ Up to 3 Numbers per Call Point.
- Up to 100 PIN Codes.
- Up to 100 Authorised Incoming Phone Numbers.
- Internal Time Clock with 3 Profiles.
- Automatic BST / GMT.
- Optional Timed Trade Facility (*excluding E1*).
- x 2 Auxiliary Inputs.
- x 3 Relay Outputs (*1x Power and 2x Opto*).
- Easy Smartphone Programming.
-  'COMMTEL GSM One' App ~ Allows **installers** to remotely programme the most common features of the Optimus range.
-  'COMMTEL COMMAND One' App ~ Allowing **users** to:
  - Open entrance 1 / 2
  - Hold open
  - Close

Download the 'COMMTEL GSM One' and 'COMMTEL COMMAND One' Apps at [www.optimus-uk.com](http://www.optimus-uk.com)

for  &  Available on the App Store

## 4G LTE INTERCOMS

## OPTIMUS KITS

					
<b>4THK</b>	<b>E1-HK</b>	<b>E1K-HK</b>	<b>E2K-HK</b>	<b>E3K-HK</b>	<b>E10K-HK</b>
Max. Dimensions: H 185 x W 98 x D 35	Max. Dimensions: H 224 x W 96 x D 40	Max. Dimensions: H 224 x W 96 x D 40	Max. Dimensions: H 224 x W 96 x D 40	Max. Dimensions: H 224 x W 96 x D 40	Max. Dimensions: H 224 x W 96 x D 40
	No of Users : 1	No of Users : 1	No of Users : 2	No of Users : 3	No of Users : 10

## MAIN FEATURES AT A GLANCE

### PERFECTLY DESIGNED FOR HIGH/LOW BARRIERS AND IN/OUT GATES

- Optimus KIT consists of 1x 4G LTE Hub and 2x Satellite Panels.
- Mix and Match Optimus Panels to suit the site location and level of use.
- Satellites will mirror programming (*subject to chosen panel functionality within the range*).

### NETWORK COSTS AS LOW AS POSSIBLE

- One SIM card located in the Hub.

### ENHANCED SECURITY

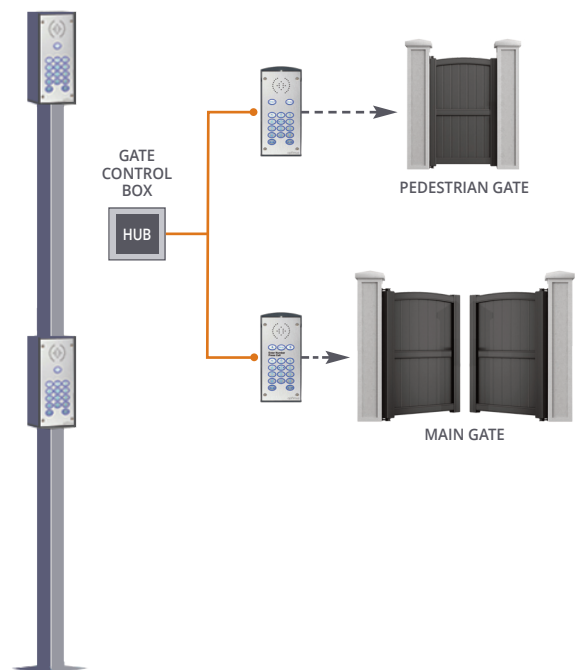
- Optimus Hub can be located secure side.
- 316 Marine Grade Stainless Steel Faceplates and High Strength Anthracite Grey Alloy Cast Back Boxes across the range.

### TECHNICAL AND INSTALLATION

- Star Configuration (*max 300m per spur*) or Daisy Configuration (*max 300m per chain*).
- Call Forwarding ~ up to 3 numbers.
- Up to 100 PIN Codes.
- Up to 100 Authorised Incoming Phone Numbers.
- Internal Time Clock with 3 Profiles.
- x 2 Auxiliary Inputs.
- x 3 Relay Outputs (*1x Power and 2x Opto*).
- Easy Smartphone Programming.



**OPTIMUS KIT One App** ~ Allows installers to remotely programme the most common features of the Optimus Kits. Download at [www.optimus-uk.com](http://www.optimus-uk.com)



## 4G LTE INTERCOMS

## INSTALLER BENEFITS

### 4G CONNECTIVITY

- 4G LTE backwards compatible. Allowing access across 4G, 3G and 2G networks.
- Increased reliability in poor signal areas.
- No feedback from close antenna placement.
- THS** Horwood quality sound.

### SMS ALERTS

- Service updates allow you to send a notification to you and your customer to let them know a service is due.
- Balance update on PAYG SIMs.
- Aux input triggered via 3rd party equipment.
- Configurable SMS notifications.

### EASY INSTALL

- Minimal components means reduced time on site:  
1x power connection, 1x antenna connection and 3x relays. Other connections for the aux input and alerts may be required.
- Easy programming via Commtel GSM One App, the Optimus KIT One App and SMS.
- Telguard Telecom SIM Card included.\*
- Compatible with all voice and data enabled SIM cards.
- Mounting template provided.
- Faceplate parking slot, to facilitate ease of installation.
- Overvolt and polarity LED indicators.
- Network LED's indicate the network status and signal strength.
- Relay confirmation LED's.
- Helpful and Informative website

### EASY TO USE

- Calling existing landline or mobile phones.
- Answer calls from anywhere in the world.

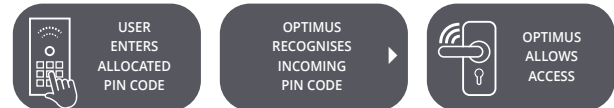
#### Visitor Entry



#### Authorised Dial In



#### Pin Code Entry



### SPECIFICATION

- Up to 100 Pin Codes.
- Up to 100 Authorised Dial to open numbers.
- Time clock with 3 profiles.
- Automatic BST/GMT.
- Call Forwarding up to 3 numbers per call point.
- Timed trade facility (*excluding E1*).
- x 2 Auxiliary Inputs.
- x 3 Relay Outputs (*1x Power and 2x Opto*).
- 2 Year Manufacturer Warranty.

\*UK only. Optional and subject to activation order.

## ADDITIONAL END USER / CUSTOMER BENEFITS

### SECURE

- Vandal resistant – 316 marine grade stainless steel and pre-treated aluminium.
- Downloadable activity log (*Installer assisted*).
- Authorised dial to open.
- Coded entry with time and date restriction (*Installer assisted*).

### COST EFFECTIVE

- Low running costs (*dependant on network*).
- Minimal maintenance.
- Call duration control.
- Controlled ring time to avoid voicemails and divert to other numbers.

### GENERAL

- Fully customisable out of hours divert and unsociable hours shut down means that you need not be disturbed.
- Illuminated and backlit keypad.
- SMS alerts notification (*Installer assisted*).  
Typically:
  - Forced entry
  - Balance update on PAYG SIMs
  - Exit alert via 3rd party equipment
- Trade Button.







# BUILDING BUSINESS TOGETHER

Our vision is to continue to lead the market in door entry and access control solutions. We cater for domestic, commercial and public sector applications, making a range of entry and exit systems.

We pride ourselves on finding the perfect solution for every project.

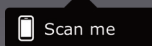
**CONTACT US TO SEE HOW WE CAN HELP YOUR BUSINESS GROW**



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YOUR INSTALLER IS:

