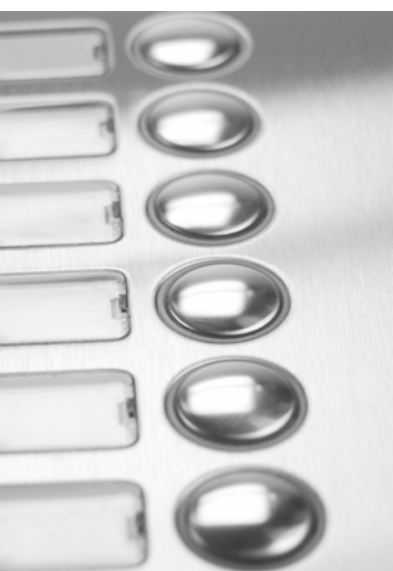




entryphone®



Welcome to Entryphone®

This catalogue shows our product range of door telephone systems and associated products.

In addition to the information given here there is further information on our web site and our sales and technical staff are always happy to discuss your requirements.

020 8870 8635

If you call us during office hours, Monday to Friday 9am-5pm (4.30pm on Friday), the telephone will be answered by a real person, not a machine, and your call will be dealt with efficiently and promptly.

www.entryphone.co.uk

Visit our web site. You can buy on-line at e-shop and get full details about us, our products, our services, technical information and prices; all kept up-to-date.
e-mail: enquiries@entryphone.co.uk.

Visitors are welcome at our offices and factory in Wandsworth, south-west London. We have a trade counter, demonstration and training rooms and would be glad to show you around our production facilities.

**23 Granville Road
London
SW18 5SD**

Telephones



Entrance Panels



Door Releases



Access Control



Power Supplies



Control Relays and Switches



200 Series Telephones



200 Series Telephones

- **Audio and colour video**
- **Electronic ringer with adjustable volume**
- **Buzzer option**
- **Plug-in Handset**
- **High gloss white ABS**

The Entryphone® 200 series telephone is available in three versions. Audio, Video 2, and Video 4 each available in various configurations to suit a wide number of applications.

Audio. An audio wall-mounted telephone.

Video 2. A video wall-mounted telephone with an integral 2.5" TFT LCD screen.

Video 4. A wall-mounted telephone set alongside a 4" TFT LCD monitor providing a larger screen not obstructed by the handset.

Desk-mounted options. The 200 series telephones are wall mounted telephones but most models can be adapted for desk mounting with an appropriate desk plate and conversion kit.

Audio



Part No. Description

201	One button telephone
202	Two button telephone
204	Four button telephone
210	Ten button telephone
201S	One button telephone with indicator lamps and ringer mute switch

Video 2



Part No. Description

201V	One button video telephone
202V	Two button video telephone
204V	Four button video telephone
201VS	One button video telephone with indicator lamps and ringer mute switch

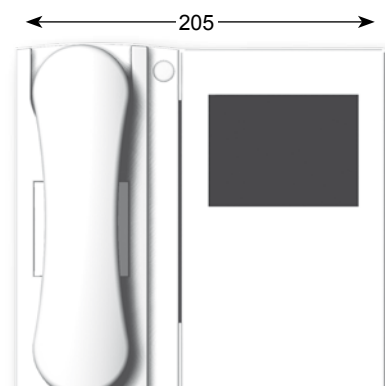
Video 4



Part No. Description

201V4	One button video monitor telephone
202V4	Two button video monitor telephone
204V4	Four button monitor telephone
201V4S	One button video monitor telephone with indicator lamps and ringer mute switch

Dimensions (mm)



Video Press-to-Speak



Video 200PTS

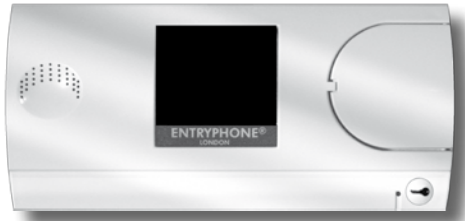


- High definition 2.5" colour TFT LCD screen
- Electronic ringer
- Auto-on and privacy modes
- Lock release security mode
- Semi-flush fitting option
- Portrait or Landscape versions
- High gloss white ABS

The Video 2 PTS is a wall mounted loudspeaking colour video telephone. The PTS has no handset but instead has a large paddle push button to operate the speech. The 2.5" LCD screen gives a clear picture and with no handset or cord to get in the way.

The PTS stands out from a wall by only 38mm but with its rebated design it can be fitted semi-flush reducing the apparent depth to less than 20mm. Available in landscape or portrait versions the PTS fits almost anywhere.

An angled desk conversion kit is available so the unit can be fitted freestanding.



Landscape

Part No. Description

- 201PTS One button press-to-speak video monitor telephone
- 202PTS Two button press-to-speak video monitor telephone
- 201PTSS One button press-to-speak video monitor telephone with indicator lamps and ringer mute switch

Portrait

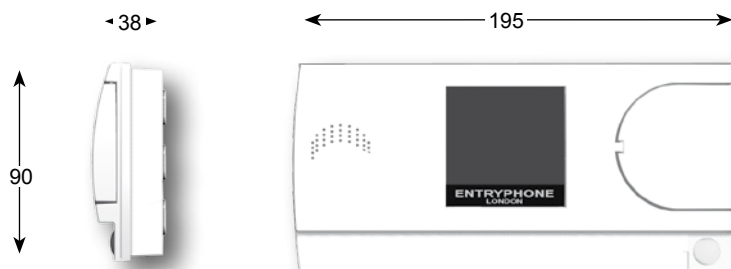
Part No. Description

- 201PTSP One button press-to-speak video monitor telephone
- 202PTSP Two button press-to-speak video monitor telephone
- 201PTSPS One button press-to-speak video monitor telephone with indicator lamps and ringer mute switch

Part No. Description

- DK-PTS Desk conversion kit for PTS (shown fitted)

Dimensions (mm)



9200 Series Panels - single button units



ENTRYPHONE
LONDON



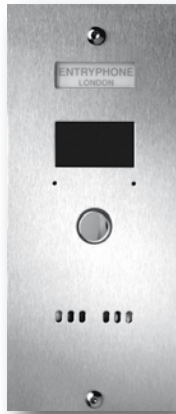
9200/1

- Video compatible
- Flush metal capped button
- Choice of finishes
- Tamper resistant fixings
- 5900 range compatible

The Entryphone® 9200/1 single button panel presents a very compact unit for where only a single ringing line is needed; available in brushed stainless steel, mirror polish stainless steel and polished brass (unlacquered). All units contain a weather-resistant speech module, a flush metal button and tamper-resistant hex-key fixings.

Units can be ordered either as audio or video versions.

These units are supplied either with a surface frame (standard) or with a back box for flush fitting. For the stainless steel finish, the surface frames are made in the same material as the panel but for polished brass units the frames are made in solid oak.



Brushed Stainless Steel



Polished Stainless Steel



Polished Brass

Dimensions (mm)

	Height	Width	Depth
Panel	216	89	
Surface Frame			
Audio	216	89	38
Video	216	89	50
Back Box			
Audio	203	76	32
Video	203	76	50

Surface Frames and Back Boxes



Metal surface frame in brushed stainless steel



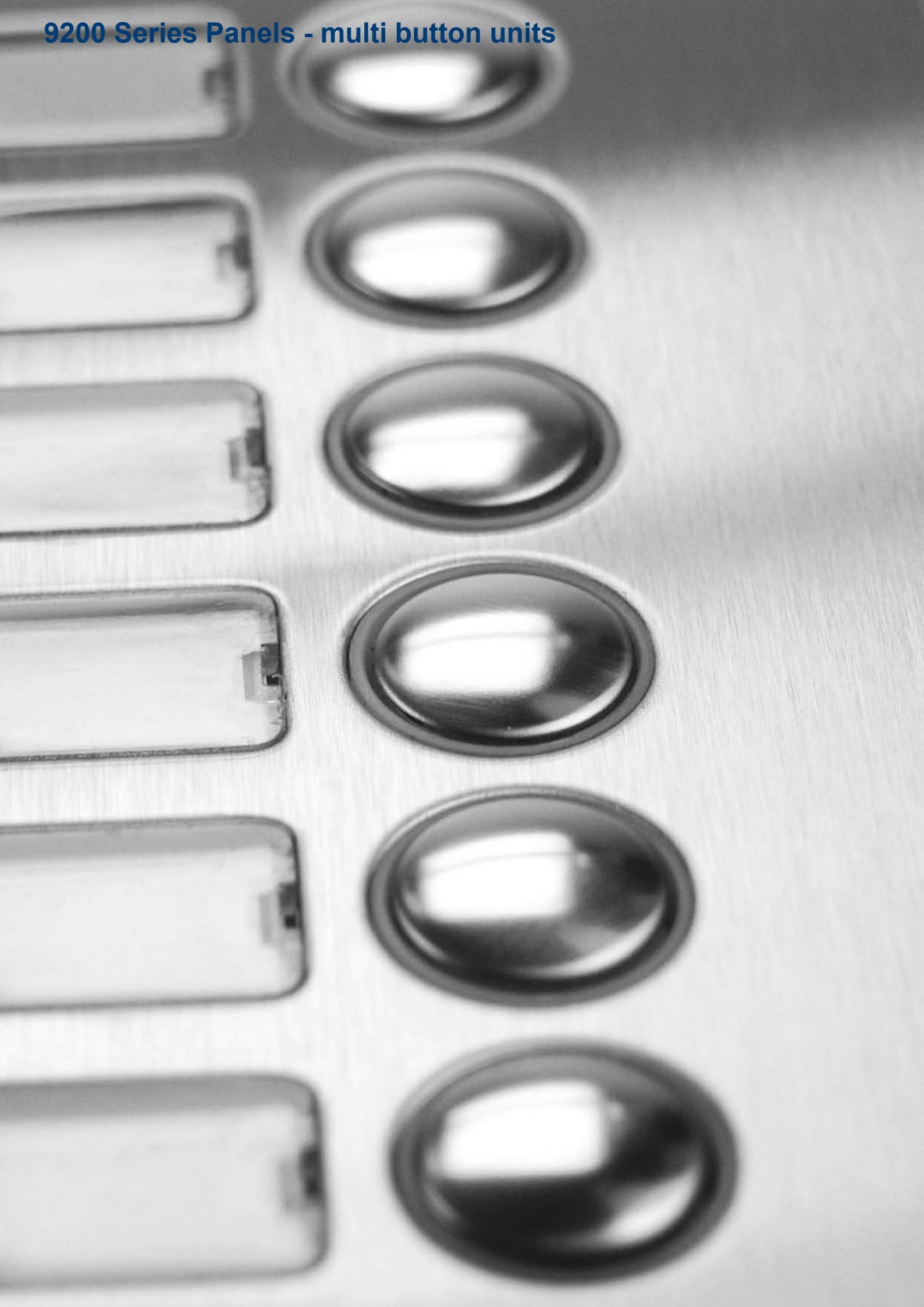
Oak surface frame



Zintec or galvanised flush back box



9200 Series Panels - multi button units



9200 Multi-button

- Video compatible
- Flush metal capped button
- Choice of finishes
- Tamper resistant fixings
- Available in brushed stainless, mirror polished stainless and polished brass

The Entryphone® 9200 multi-button entrance panels are available from stock in sizes from a two button up to a thirty button unit and in larger sizes to special order. All units incorporate weather-resistant speech components, flush metal buttons, rear-illuminated name inserts and tamper-resistant hex-key fixings. Available as standard in brushed stainless steel and mirror polish stainless steel or, to special order, in un-lacquered polished brass.

CCD Video

All 9200 panels may be ordered fitted with colour CCD video camera. The camera module, incorporating miniature high resolution solid state CCD camera, is designed to be fitted behind the speech module and the logo insert is changed to a lens.

A type



Type	Dimensions (mm) Plate		Back Box		
	H	W	H	W	D
9200/A2	355	115	317	77	38
9200/A3	355	115	317	77	38
9200/A4	406	115	368	77	38
9200/A5	406	115	368	77	38
9200/A6	406	115	368	77	38
9200/A9	483	115	445	77	38
9200/A12	540	115	502	77	38
9200/A15	606	115	568	77	38

B type



Type	Dimensions (mm) Plate		Back Box		
	H	W	H	W	D
9200/B2	241	203	203	165	38
9200/B3	241	203	203	165	38
9200/B4	241	203	203	165	38
9200/B5	241	203	203	165	38
9200/B6	241	203	203	165	38
9200/B7	241	203	203	165	38
9200/B8	241	203	203	165	38

C type



Type	Dimensions (mm) Plate		Back Box		
	H	W	H	W	D
9200/C10	241	292	203	254	38
9200/C12	241	292	203	254	38
9200/C14	241	292	203	254	38
9200/C16	241	292	203	254	38
9200/C18	264	292	226	254	38
9200/C20	330	292	292	254	38
9200/C22	330	292	292	254	38
9200/C24	330	292	292	254	38
9200/C27	330	292	292	254	38
9200/C30	352	292	314	254	38

Surface Frames

All multi-button panels are supplied complete with 22swg zintec or galvanised back box for flush fitting. These allow the plate to overlap by 19mm all round to cover inaccuracies when cutting into the wall. Where it is impractical to flush in a door panel, surface frames are available. There are two types, either stainless steel hood-style frames or solid oak frames supplied unfinished.



Metal surface frame in brushed stainless steel



Oak surface frame

VR Entrance Panels



VR Range

- Video compatible
- Low profile stainless buttons
- Engraved and filled lettering
- Tamper resistant fixings
- Available in brushed or mirror polish stainless steel

The Entryphone® VR panels are made to order for when it is considered that the units are particularly prone to undesirable attention. Although similar in shape to the standard panels instead of interchangeable name inserts, numerals are engraved into the panel alongside each button. The buttons themselves are shrouded and extremely robust. All units are supplied with weather-resistant speech module, and tamper-resistant hex-key fixings.

Units can be ordered either as audio or video versions or if required be updated to video at a later date.

VR/A



Type	Plate		Back Box		
	H	W	H	W	D
VRS/A2	355	115	317	77	38
VRS/A3	355	115	317	77	38
VRS/A4	406	115	368	77	38
VRS/A5	406	115	368	77	38
VRS/A6	406	115	368	77	38
VRD/A4	355	115	317	77	38
VRD/A6	355	115	317	77	38
VRD/A8	406	115	368	77	38
VRD/A10	406	115	368	77	38
VRD/A12	406	115	368	77	38

VR/B



Type	Plate		Back Box		
	H	W	H	W	D
VRS/B2	241	203	203	165	38
VRS/B3	241	203	203	165	38
VRS/B4	241	203	203	165	38
VRS/B5	241	203	203	165	38
VRS/B6	241	203	203	165	38
VRS/B7	241	203	203	165	38
VRD/B4	241	203	203	165	38
VRD/B6	241	203	203	165	38
VRD/B8	241	203	203	165	38
VRD/B10	241	203	203	165	38
VRD/B12	241	203	203	165	38
VRD/B14	241	203	203	165	38

VR/C

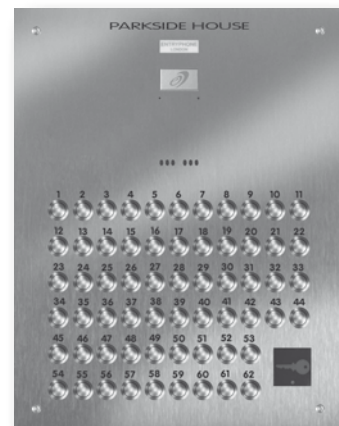


Type	Plate		Back Box		
	H	W	H	W	D
VRS/C10	241	292	203	254	38
VRS/C12	241	292	203	254	38
VRS/C14	241	292	203	254	38
VRS/C16	330	292	292	254	38
VRS/C18	330	292	292	254	38
VRS/C20	330	292	292	254	38
VRD/C20	241	292	203	254	38
VRD/C24	241	292	203	254	38
VRD/C28	241	292	203	254	38
VRD/C32	330	292	292	254	38
VRD/C36	330	292	292	254	38
VRD/C40	330	292	292	254	38

Panels Made to Order

As well as our standard sizes, special 9200 and VR panels are available made to order. Occasionally circumstances dictate that a standard shape panel will not fit in the space available or additional items are required such as a proximity reader, coded access or special engraving. Let us know your requirements and we will prepare a drawing for your approval.

Example of a special panel made to order. A 62 way VR panel with integral proximity reader and engraved building name made to customer's required dimensions 560mm x 435mm



Door Releases



DL141

Entryphone® releases have the same basic form of operation but vary in their physical dimensions, method of fixing and finish.

A swivel plate replaces the keep or staple of a standard night latch (Yale, Union etc.) and in its static condition acts as a normal keep. When voltage is applied a link removes a stay pin from this swivel plate and this allows the door to be pushed open as the tongue of the latch lock can pass the swivel plate. As soon as the lock has passed the swivel plate a spring resets it to its locked position. While the current is applied to the solenoid, the linkage provides a small amount of buzzing and this gives an indication to the visitor that the door is ready to be opened.

An electric release does not interfere with the normal operation of a mechanical lock, thus the door can be opened by the lever or knob on the inside and by usual key on the outside.

Rim



DL141/R
Standard
Grey

Rim versions

DL141/R	standard device
DL141/R-C	chrome finish
DL141/R-P	polished brass finish
DL141/R-CH	with door open switch
DL141/R-MA	momentary action
DL141/RO	for outward opening double doors
DL141/FF-C	face fixing - chrome
DL141/FF-P	face fixing - polished brass
DLING-C	for Ingersoll - chrome
DLING-P	for Ingersoll - polished brass
DL141/BAN	for Banham latch - gold paint finish

Mortice



DL141/M
Standard
Grey

Mortice versions

DL141/M	standard device
DL141/M-C	chrome finish
DL141/M-P	polished brass finish
DL141/M-AJ	with adjustable jaw
DL141/M-CH	with door open switch
DL141/M-DC	for DC operation
DL141/M-DJ	with deep jaw
DL141/M-FO	power fail-open
DL141/M-FOS	power fail-open and switch
DL141/M-MA	momentary action
DL1703	for aluminium doors
DL31L	short body

Security and Electric Releases

The addition of an electric door opener to a conventional night latch may reduce the strength of the door or negate some security features of the lock. It is important that these security issues are understood and that the most suitable device is chosen for the circumstances and the level of security required.

Door Releases



CISA® Lock

The CISA lock differs from the latch/release arrangement in that the moving parts of the releasing mechanism are in the lock itself and not in the keep, which is fixed in the same way as a conventional lock keep.

The CISA lock gives two particular advantages over a standard release: It is stronger than a conventional release and is not prone to being slipped (i.e. using a piece of plastic to force back the tongue of the lock).

However, the following should be considered:

Noise. The CISA lock requires more current to operate it than a standard release as its solenoid needs more power to release its mechanism. Therefore when it is operated the solenoid is relatively noisy and the “clack” of the lock withdrawing is also comparatively loud.

Momentary action. Once the CISA lock has been operated, either electrically or locally (using the button on the casing), the lock will remain unlocked until the door has been opened and re-closed; it is the action of the door being closed that sets the device. If the device is operated accidentally this will mean the lock will remain open until the next time the door is opened and re-closed.



Part No. Description

CISA-RH Right handed electric lock



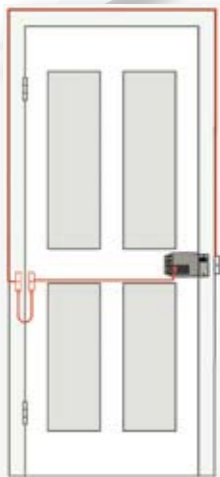
Part No. Description

CISA-LH Left handed electric lock

Wiring

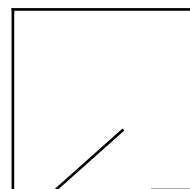
As the electrical components are in the lock itself the wiring for the CISA has to be run across the hinge of the door (using a door loop) and then across the door itself. Wiring to the lock can be rather obtrusive. It is possible, however, to conceal the wiring but this may involve removing architraves and routing the edge of the door.

Drawing shows right handed CISA lock fitted to a single wooden door with door loop and typical wiring route.

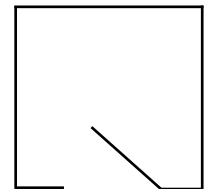


Handing

The CISA lock differs depending on which side of a door it is to be fitted. It is important to specify whether a left or right handed lock is required.



Left Hand



Right Hand

Door Releases



Magnetic Lock

The magnetic lock or maglock is an electric locking device that consists of an electromagnet and an armature plate. By attaching the electromagnet to the door frame and the armature plate to the door, voltage passing through the electromagnet attracts the armature plate holding the door shut.

Entryphone® stocks two sizes of maglocks, the standard unit which has a holding strength of 1200lbs and a mini version with a holding strength of 600lbs.

Unlike an electric release magnetic lock has no mechanical interconnecting parts and is therefore very durable which makes it valuable in a high-traffic environment. However, because the maglock has no means of being operated mechanically, electronic authentication is necessary (eg coded access, proximity access control, press to exit switch etc).

A maglock is a fail-open device (i.e. it needs power to remain locked) which, for fire safety is an important feature. If a maglock is fitted on an escape or fire route a "break-glass" unit should be fitted in addition to any egress button.



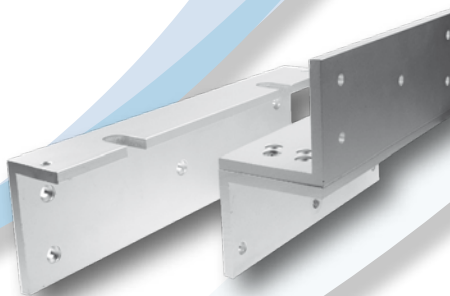
Part No.	Description
ML1200	Standard Magnet 1200lbs H74mm W265mm D40mm
MML600	Mini Magnet 600lbs H47mm W256mm D26mm



MLAH	Magnetic lock armature housing
MMLAH	Mini-Magnetic lock armature housing
	recommended for an outward opening door



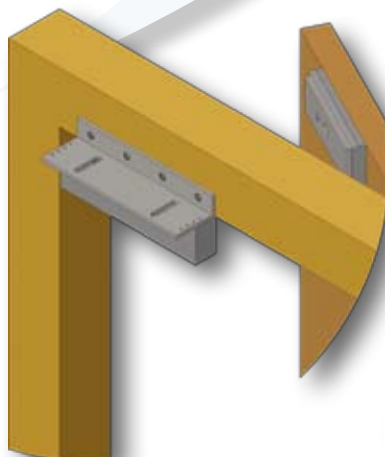
MLLP	Magnetic lock L Plate
MMLLP	Mini-Magnetic lock L Plate
	required for an outward opening door with a narrow door frame



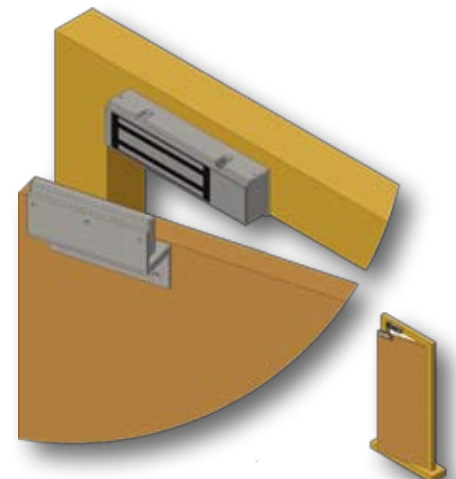
MLLZP	Magnetic lock LZ plates
MMLLZP	Mini-Magnetic lock LZ plates
	required for an inward opening door

Fitting

A maglock is usually fitted at the top of a door with the magnet fixed to the frame and the armature fitted to the door. Different fixing plates are required depending on which way the door opens and the thickness of the door frame.



Typical assembly for maglock on outward opening door



Typical assembly for maglock on inward opening door

Access Control



CA7 - Coded Access

The CA7 coded access system gives an extra dimension to an Entryphone® system providing additional features that enhance convenience and security.

While visitors can be admitted in the usual way using the Entryphone® system, a problem arises when authorised personnel need to gain access. The usual method to allow entry for an authorised person is to issue them with a key; however, this can cause problems if a key is lost or stolen or the individual is no longer authorised. Changing the lock and re-issuing keys can be expensive and inconvenient.

The coded access system solves these problems. By entering the correct 1-8 digit code authorised personnel can gain access. No keys are necessary and the code number and the release time can be changed quickly and easily by the use of the master code.

Available in brushed or mirror polished stainless steel.



Part No. Description

CA7-F	Coded access - flush
CA7-S	Coded access - surface

Dimensions (mm)

	Height	Width	Depth
surface frame	216	89	38
back box	203	76	38



Part No. Description

92CA7	Single button entrance panel and coded access
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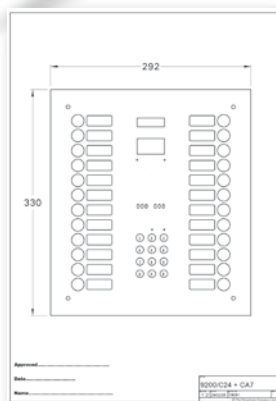
Dimensions (mm)

	Height	Width	Depth
plate	355	115	
back box	317	77	38

supplied with back box for flush fitting
order separate surface frame MF/A3 if required.

Integrated unit

As well as our standard coded access units all our entrance panels can be ordered fitted with our coded access module as an integrated unit. We will submit a drawing detailing the layout for approval before manufacturing the panel.



Access Control



PinNet4

- Off-line or on-line administration
- Password protected
- Keys added or deleted using secure activation codes
- Key only, key and PIN or PIN only options
- No software required - web browser programming
- 1000 record log
- 1000 key capacity
- 4 door capacity
- 8 time profiles
- Optional key expiry or start date
- Secure one-day password
- No master keys

The PinNet4 is an access control system for apartment blocks or office buildings. Where there is no on-site administrator Entryphone® offers off-line or on-line administration services. Keys can be added or deleted using a unique encrypted activation code or via the PinNet4's built in web-server.

TROUBLE FREE
SECURE
ACCESS CONTROL



Part No.	Description
PN4CU	PinNet Control Unit

Dimensions (mm)			
	Height	Width	Depth
	315	210	80



Part No.	Description
PN4RF	PinNet Reader - flush
PN4RS	PinNet Reader - surface

Dimensions (mm)			
	Height	Width	Depth
	85	85	38



Part No.	Description
PN4RKF	PinNet Reader & Keypad - flush
PN4RKS	PinNet Reader & Keypad - surface

Dimensions (mm)			
	Height	Width	Depth
	203	76	38

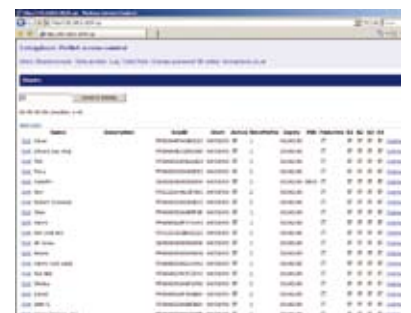
Keys

The PinNet4 can be factory programmed by Entryphone® before it is supplied and the key and programme records are contained in the unit's memory. Every key has a unique serial number laser engraved on to it and we keep a secure record of every key we supply.



Built-in Web Server

With a built-in Web server, the PinNet4 can be connected directly to a PC or to an IP network and programmed using any web browser.



NO. 60
12000000

**Entryphone[®]
Power Supply**

DANGER 230V AC

Isolate from mains supply before removal

Power Supplies

Entryphone® produces two principal power supply units, one for audio systems (DA97) and one for video systems (900C-PSU). These power units transform mains to the low voltages specifically required for our systems.

In addition we produce a number of other power supplies that may be required for special features or devices or for where additional voltage is required.



Part No.	Description
DA97	Power supply unit for Entryphone® audio systems.
DA97-R	As DA97 but with a relay for switching locks direct e.g. CISA.
DA12	12v D.C. 2amp power supply suitable for intermittent use.
DA20-R	Video booster power supply larger video systems.
DADC	Door capture power supply.
DAIR	Isolating relay power supply.

Dimensions (mm)

Height	Width	Depth
150	127	100



Part No.	Description
900C-PSU	Power supply and relay board to provide voltages, switching and timer circuitry for all Entryphone® video systems.

Dimensions (mm)

Height	Width	Depth
305	230	80



Part No.	Description
PSU-12V2A	2 amp power supply suitable for Maglocks. Includes a trickle charging circuit for a rechargeable battery (not included).

Dimensions (mm)

Height	Width	Depth
200	230	80

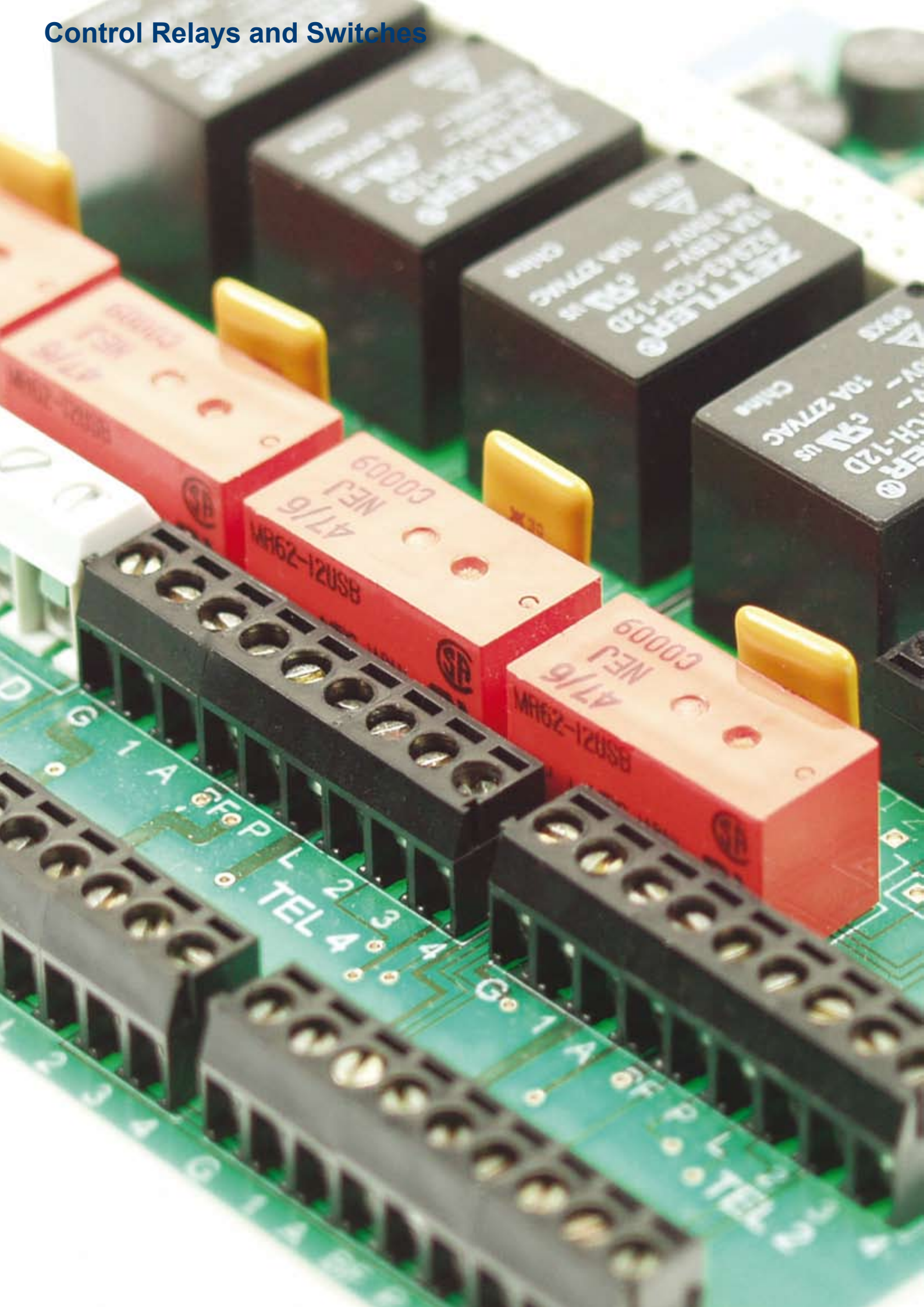


Part No.	Description
PSU-12V3A	3 amp power supply suitable for Maglocks. Includes a trickle charging circuit for a rechargeable battery (not included).

Dimensions (mm)

Height	Width	Depth
330	360	85

Control Relays and Switches



Relays



Dimensions (mm)

Height	Width	Depth
150	127	50

IC7RU

Intercom relay

The IC7RU provides the switching required in porter or intercom systems. It senses the voltage of an internal ringing current and cuts off the speech circuits to the door unit, so that an internal conversation cannot be overheard at the door.

99RU

Two door relay

The 99RU relay is for use where it is required for two doors to be answered by the same telephone(s) e.g. where a building has a front and a rear entrance. The 99RU operates by detecting the ringing from either door and then switches the speech and release lines to that door and disconnects them from the other door. This relay can be cascaded to serve up to four doors.

The video version of this relay, the 99VRU, works in the same way but also switches the video.

900-VS4

Video signal distributor

For systems that have more than one monitor fitted it is necessary for the video signal to be balanced at each point in the system to maintain a clear picture at every monitor. The 900-VS4 is a junction box containing a connection circuit that enables video signals to be correctly distributed on 75 ohm coaxial cable to each monitor.

98IR4

Four way isolating relay

A four phone output relay unit where each phone is fused and isolated from the system. In the event of a fault on a particular phone it does not affect the rest of the system.

When these relays are fitted to a system, calls can only be initiated from the door panel. A tone (pips) is generated at the phone when it is not active.

Each 98IR4 has two adjustments, one for the length of the call, and the other for the duration of the system-not-active tones.

98DCRU

Door capture relay

For systems serving several doors the 98DCRU detects a button press and switches the speech and release lines to that door. Suitable for systems with multiple main entrance panels calling all phones and a number of individual block entrances. Requires one DADC power supply per system.

GPRU

General purpose relay



A general purpose relay suitable for local lock switching (eg Cisa lock), when normally closed contacts are required or to interface with third party devices.

Switches

TS2000-BST Digital timeswitch



This 12 volt digital timeswitch is for provision of a trades facility using an additional button on the entrance panel. This seven day time-switch can be set for eight daily time intervals and has a battery reserve. The unit automatically adjusts to summer and winter times.

PB-EXT-##

Press-to-exit switches



Press-to-exit switches for use with maglocks or other access control devices.

PB-BRK-GLS

Break-glass unit



Used for emergency exits where there is no mechanical means of opening the door, such as with a maglock.

In addition to the apparatus shown here there are a number of other sundry accessories that we stock. Please contact our sales or technical departments or visit our web-site on www.entryphone.co.uk for more information.



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