



Private and Local Authority Buildings

Door Entry and Access Control Products Overview

About Us

Raytel Security Systems have purpose built in-house manufacturing facilities, this allows us to fulfil requests for the most complex system design requirements. We combine our company's range of products with our partners' technologies to provide ad hoc and multiple special project specifications.

For over 35 years Raytel Security Systems have been the sole UK system distributor for Elvox door entry systems, based in Italy. Our partnership also includes the Soyol range of access control systems.

Our premises in Essex offer the following facilities.

- In-house technical support team
- Field based area account managers
- Client demonstration room
- Internal sales support team
- System demonstration, presentations & site surveys from our account managers
- Pre-despatch product programming service
- Same day quotation turnaround for most applications
- Security installer training facilities
- Quotations and general enquiries
- We do not normally charge for any of the above



Raytel Security Systems product portfolio consists of both Distributed Goods and In-House manufactured products. The company is the exclusive UK distributor for a number of prominent international manufacturers such as Elvox Spa of Padova, Italy and Soyol of Taiwan. These products are combined with the company's own range of products to form a comprehensive range of combined Door Entry and Access Systems.



Product Overview

This brochure is designed to give a 'taster' guide to the range of Door Entry and Access Control products available from Raytel Security Systems.

● About Us	IFC
● 2 Wire Systems	2 - 3
● Digibus Systems	4 - 5
● Sound Systems	6 - 7
● Access Control Systems	8
● AC Call Systems	8
● Hardware	8
● New Pixel Panels	9

Raytel Security Systems Limited

Southern Office:

Raytel House, 1-5 Cutlers Road, South Woodham Ferrers,
Chelmsford, Essex CM3 5WA.

Sales: 01245 428510 / Technical: 01245 428511

General: 01245 428512 / Fax: 01245 428515

Northern Office:

20-23 Woodside Place, Glasgow, Strathclyde G3 7QL.

Tel: 0141 582 1275

email: info@raytelsecurity.co.uk

Internet: www.raytelsecurity.co.uk

NEW
PIXEL Panel Range
available for 2 Wire Systems
See Page 9
for details

2 - Wire system technology

The installers' choice

Full range of 2-wire technology for video & audio systems.

The "Due fili plus" 2 wire system offers 100% versatility, suitable for the single dwelling to the largest residential development. The two-wire technology offers speed, flexibility and precision, developed to meet the requirements of today's multi block project specifications.

Two wire systems installed on cat 5 guarantees faultless connections between all non-polarized devices powered and directed through audio, video and data signals.

Combined with our ultra modern tab monitors & handsets offer the ultimate in elegance and design.

- Simple operation for a reliable and easy installation
- Install with either custom Elvox cable or cat5
- Stand-alone or networked, with or without concierge.
- High performance communication

Also available with – Raytel's "in-house" manufactured stainless steel panels utilising Elvox technology.



TAB 4.3" - Video Monitor Handset with 4.3" Screen
Available in White 7549 or Black 7549/04.

- Large range of panels, monitors, handsets & switchboards
- Panels available in vandal resistant stainless steel, polished brass, powder coated or brushed aluminium
- Choice of several panel effect colour choices & finishes
- Surface & flush mounted units
- Digital dial & Functional panels
- Panel cut-outs for access control facility
- Engraving facilities
- Large capacity systems for up to
 - 32* Blocks
 - 464* Door panels
 - 6400* Monitor & handset users
 - Longer distances available for up to 1200 meter* distances between internal & external equipment

* Dependent on system configuration and layout – enhanced performance delivered through expansion interface units



6600 Series - Open Voice Video Monitor.
Flush mounted available in White 6611, and Anthracite 6611/21.
Surface, Desk Mount and Audio only versions also available.



1200 Series - Surface or Flush Mount Video and Audio Door Entry Panels available as Functional (1 to 88 apartments) or Digital Dial (1 to 6400* apartments). 8/10 Gauge Stainless Steel with textured finish. Also available in Gold Effect.



Raytel Compact - Surface or Flush Mount Video and Audio Door Entry Panels available as Functional (1 to 9 apartments) with optional Proximity Token Reader.



Raytel Spartan Large - Surface or Flush Mount Video and Audio Door Entry Panels available as Functional (1 to 35 apartments) or Digital Dial (1 to 6400* apartments) with optional Access Keypad or Proximity Token Reader.



TAB 3.5" - Video Monitor Handset with 3.5" Screen. Available in White 7529 or Black 7529/04. Also available with hard of hearing options.



TAB Free - Open Voice Video Monitor. Available in White 7539 or Black 7539/04. Also available with hard of hearing options.



TAB Jr. - Audio Handset. Available in White 7509 and Black 7509/04. Also available with hard of hearing options.



6900 Series - Open Voice Audio Surface Mount Handset. Available in White 6901. Also available with hard of hearing options.



7200 Series - Open Voice 7" Wide Screen Video Monitor. Available in White 7211. (Other colours and finishes available - call for details).



Giotto Series - Video Monitor Handset. Available in White 6329 and Anthracite 6329/21. Desk conversion kit also available.



Petrarca Series - Audio Surface Mount Handset. Available in White 6209 and Anthracite 6209/21. Desk conversion kit also available.



8870 Series - Audio Surface Mount Handset. Available in White 8879 and Anthracite 8879/21.

7300 Series - Open Voice Video Monitor with Touch Screen. Available in White 7311 or Black 7311/04.





Digibus technology

Communication without limits, our modular digibus range meets the demand for the larger project development. Whether your project is a single or multiple door configuration digibus can be designed for up to 10,000 users and 99 doors, offering functional and digital dial options.

Cabling for the digibus system could not be easier, providing many installation advantages including long cable runs, which are an added benefit in today's high rise, multi block apartment developments.

- Modular range for the larger installation and multiple blocks
- Ideal system for the longer cable runs
- Audio & video functional & digital-dial systems
- Up-to 10,000 internal monitors /handsets
- 99 External panels
- Single & multi-door complex configurations
- Porter switchboards / concierge / intercom
- Stainless steel vandal resistant customised panels
- May interface with 'Due fili plus' systems via 'open bridge' technology
- Multi-core & coax cable requirement.



Giotto - Surface Mount Video Monitor Handset.
Available in White/Grey 6344.
Desk conversion kit also available.



7200 Series -
Open Voice 7" Wide Screen Video Monitor. Available in White 7214.
(Other colours and finishes available - call for details).

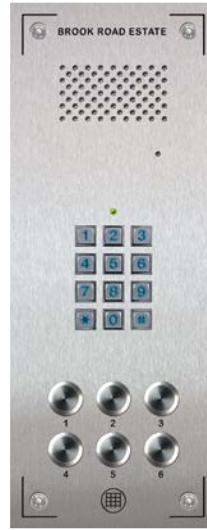
8870 Series - Audio Surface Mount Handset. Available in White 887B and Anthracite 887B/21.



Petrarca Series - Audio Surface Mount Handset. Available in White 6204 and Anthracite 6204/21. Desk conversion kit also available.



Petrarca - Video Monitor Handset. Available in White 6020 and Anthracite 6020/21. For use with Petrarca Handset.



Raytel Spartan Large - Surface or Flush Mount Video and Audio Door Entry Panels available as Functional (1 to 35 apartments) with optional Access Keypad or Proximity Token Reader.



1200 Series - Surface or Flush Mount Video and Audio Door Entry Panels available as Functional (1 to 88 apartments) or Digital Dial (1 to 10,000* apartments). 8/10 Gauge Stainless Steel with textured finish. Also available in Gold Effect.



6600 Series - Open Voice Video Monitor. Flush mounted available in White 6624 and Anthracite 6624/21. Surface, Desk Mount and Audio only versions also available.



Raytel D Type - Flush Mount Video and Audio Door Entry Panels available as Functional (1 to 255 apartments) or Digital Dial (1 to 10,000* apartments) with built in Access Keypad or optional Proximity Token Reader.



Sound system - analogue technology

Our sound system range offers excellent value for money with a flexible solution for the smaller door entry system requirement. Available in audio or audio/video. Ideally used when required to call a number of handsets from 1 to 9 entrance panels. Comprises of modular units adding flexibility to customise your system. Installed using a multi-core cable for the audio and a coax for the video signal. Stainless Steel vandal resistant customised panels available.

- Audio & video modular system range
- Single to multi door
- Multi-core & coax cable requirement



Giotto - Surface Mount Video Monitor Handset.
Available in White/Grey 6341.
Desk conversion kit also available.



6600 Series - Open Voice Video Monitor. Flush mounted available in White 6620 and Anthracite 6620/21. Surface, Desk Mount and Audio only versions also available.

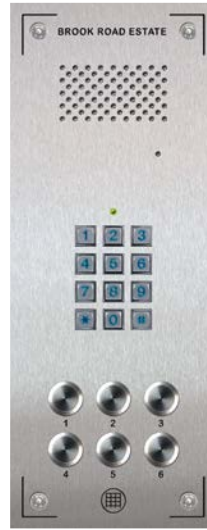
Petrarca Series - Audio Surface Mount Handset. Available in White 6200/1 and Anthracite 6200/21. Desk conversion kit also available.



8870 Series - Audio Surface Mount Handset. Available in White 8875 and Anthracite 8875/21.



Petrarca - Video Monitor Handset. Available in White 6020 and Anthracite 6020/21. For use with Petrarca Handset.



Raytel Spartan Large - Surface or Flush Mount Video and Audio Door Entry Panels. Functional (1 to 35 apartments) with optional Access Keypad or Proximity Token Reader.



1200 Series - Surface or Flush Mounting Video and Audio Door Entry Panels. Functional (1 to 88 apartments). 8/10 Gauge Stainless Steel with textured finish. Also available in Gold Effect.



7200 Series - Open Voice 7" Wide Screen Video Monitor. Available in White 7200. (Other colours and finishes available - call for details).



8100 Series - Surface Mount Video and Audio Door Entry Panels. Functional (1 to 36 apartments).



Raytel Compact - Surface or Flush Mount Video and Audio Door Entry Panels available. Functional (1 to 9 apartments) with optional Proximity Token Reader.

NEW
888 Series
 Touch Screen Keypad
 Proximity and Egress Sensor



IP55 Proximity Controllers, Readers and Egress Sensors with multi-colour edge LED indicators.

Access Control

Compatible, multifunctional access control which provides dependability in today's market. Soyal has a portfolio of products including RFID sensor card readers and multi-door networking controllers. Fingerprint recognition, along with a variety of smart applications to make the management of computerisation and networking run smoothly.

- Standalone & PC networked systems up-to 254 controllers
- User friendly programming
- Event log
- Wiegand door controllers & readers
- Fingerprint technology
- Distributed programmable event controller
- Standard & vandal resistant readers
- Card & fob proximity
- Cost effective access control solution



AR-737HB-RAY - Proximity Reader. Available in five 'colour zone' options for varying levels of security (IP65).



AR-716E-RAY - Boxed AR-727HB-RAY Controller.



AR-737HB-RAY - Proximity Reader - Also available with stainless steel enclosures, surface or flush mounting.



AR-727HB-RAY - Networking and stand-alone keypad controller for card or token proximity reader (IP54).



Key Fobs - For use with the Soyal range of Proximity Readers. Cards also available.

K50 Series - Keypad/Controller with illuminated keypad. Available in plastic or with stainless steel cover.

AC Call

VIMAR group

Our AC call range offers an excellent value for money flexible solution for audio door entry requirements. Typically used for single entrance dwellings with a smaller number of handsets. Standard & modular units allow system customisation.

- Audio modular system
- Single door
- Multi-core cable requirement



Surface or Flush Mount Audio Door Entry Panels: Raytel Spartan Large Functional (1 to 35 apartments) with optional Keypad Access or Proximity Token Reader. Raytel Compact Functional (1 to 9 apartments) with optional Proximity Token Reader. 8100 Series - Functional (1 to 36 apartments).



8870 Series - Audio Surface Mount Handset.

Hardware

A full range of accessories available to complete your system requirements including magnetic door locks, exit buttons, firemans switches and more.



AEB23+AEBBOX and AEB17 Surface Mount Door Exit Buttons



Firemans Switch

A comprehensive range of Magnalocks and door releases are available.

Pixel - Audio/Video door entry panels

Our new modular entrance panels Pixel & pixel heavy combines the latest in technology advancement with pleasing modern aesthetics. Minimal lines and rounded corners to blend into any residential development. Combined with the versatility of the electronic modules and the vast array of push button types, pixel can be installed, programmed and maintained with ease and simplicity.

- Ultra thin profile design
- Choice of 4 aesthetic colours
- Modular system for most building combinations
- Simple to install – CAT 5 or CAT 6
- Double seal for total module protection
- High protection rating IK08 & IP54
- Choice of standard or wide angle 525 TVL camera
- DDA as standard
- 3.5" Colour LCD display
- 1-84 Button
- 484 External panels*
- 6400 Internal users
- Up to 128 Units in one installation*
- Up to 1200 metre distances*
- Mini USB for pc configuration

*Dependant on system configuration and layout.



Visual call signals.

LEDs visible on the front indicates the call in progress and any active communications, if the lock control is enabled or a missed call if the line is busy.



Automatic audio control.

A special function minimises echo and monitors audio balance, microphone and loudspeaker levels so the sound comes through clean and clear.



3.5" Colour LCD Display.

320 x 480 pixel resolution - the largest screen in the modular entrance panel category and is available in six languages.



Back-lit LED Buttons.

Self adjusting to ambient brightness makes buttons and nameplates perfectly visible even in poor outdoor lighting conditions.



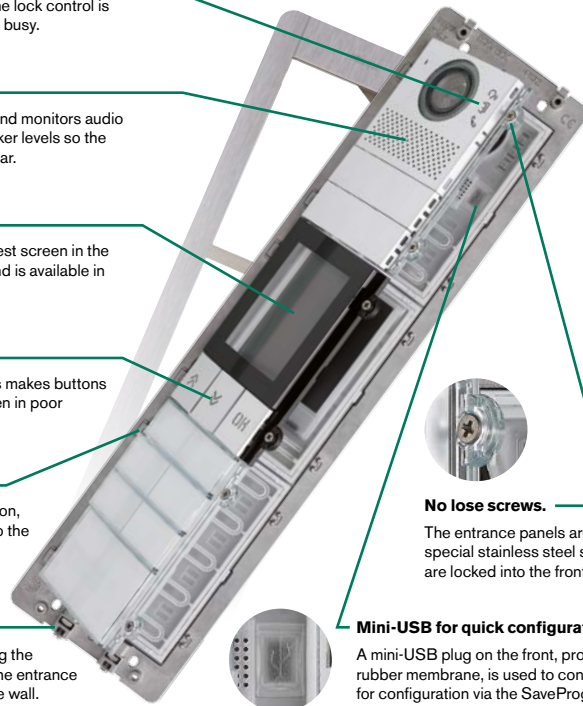
Freedom of movement.

With the special module configuration, each unit is completely supported to the wall by vertical hinges. This allows for both hands to be free to work.



Perfectly flush to the wall.

With the stainless steel screws fixing the cover plate to the mounting frame, the entrance panel is aligned perfectly flush to the wall.



No lose screws.

The entrance panels are fitted with special stainless steel screws that are locked into the front modules.



Mini-USB for quick configuration.

A mini-USB plug on the front, protected by a rubber membrane, is used to connect a PC for configuration via the SaveProg software.



Pixel Panels - Functional or Digital available 1, 2 or 3 module in Grey, Black, Anodized Grey or White. Pixel Heavy - Sable Grey only.

Pixel Heavy

Built for beauty and strength the Pixel Heavy has even more robustness than the standard Pixel range, is more resilient to damage, atmospheric agents, and is ideal for installations in saline environments.

- Die cast aluminium
- Protection ratings of IK10 & IP54
- More resistant than the standard Pixel to damage and atmospheric agents
- Ideal for saline environments
- Available in special sable grey finish
- Comes with all of the features as our standard pixel panel





Raytel Security Systems Limited

Southern Office:

Raytel House, 1-5 Cutlers Road, South Woodham Ferrers,
Chelmsford, Essex CM3 5WA.

Sales: 01245 428510 / Technical: 01245 428511

General: 01245 428512 / Fax: 01245 428515

Northern Office:

20-23 Woodside Place, Glasgow, Strathclyde G3 7QL.

Tel: 0141 582 1275

email: info@raytelsecurity.co.uk

Internet: www.raytelsecurity.co.uk