ACCESS CONTROL

Know who is there.
Decide who comes in.



Intercoms • Keypads • Remote gate control • Vehicle detection

AES access technology, specified and installed by Sentry Automation. Connected solutions for homes, shared entrances, commercial premises, gates and barriers.

0113 403 5583 **enquiries@sentryautomation.co.uk** **sentryautomation.co.uk**

02 / SELECTION GUIDE

The right connection. For the way your site works.

See visitors remotely	Opyn IP / 4G video intercom. Choose a suitable internet connection and user devices.
Speak by telephone	Prime Edge GSM intercom. Visitor calls route to nominated telephone numbers.
Shared resident entrance	Opyn-Multi touchscreen directory with resident management and credential options.
Local video handset	DECT 705 wireless video intercom; survey the radio path and building obstructions.
Code / credential access	Standalone keypad or KeyCell master / auxiliary arrangement, selected for the required entrances.
Open by phone	i-Gate Dual GSM switch or i-Gate WiFi IP switch for compatible gate, barrier or door controls.
Detect approaching vehicles	e-Loop V4 wireless detection; select housing, receiver and operating mode for the site.

START WITH THE SITE

How many entrances and users? Who answers visitors? Is reliable mobile coverage or an internet connection available? Decide these before selecting the panel.

03 / GSM INTERCOMS

Prime Edge.
A visitor call to your phone.

Telephone-based visitor calling

Pressing the call button starts a sequence to nominated home, office or mobile numbers. A practical choice when visitors need to reach people away from an indoor station.

Day-to-day control

Illuminated keypad and call button, with selectable blue or white lighting. Weekly and holiday Do Not Disturb settings support different operating hours.



Management and diagnostics

The published feature set includes SMS diagnostics, event logging, automatic daylight-saving adjustment and firmware updates via SMS. Keypad / proximity two-factor authentication is an option.

SPECIFY THE CONNECTION

Confirm the exact panel variant, mobile signal at the installed position, compatible SIM service, calling destinations, relay function and credential requirements. Agree who owns the SIM account and ongoing charges.

04 / IP / 4G VIDEO

Opyn.
See the caller. Stay connected.

Video at the entrance

Opyn combines visitor video communication with IP / 4G connectivity. The connection and panel variant should be selected to suit the site infrastructure.

Choice of user interface

Optional Opyn indoor monitors complement the mobile app. The 7-inch monitor has 1024 × 600 resolution; the 10-inch version has 1280 × 800 resolution. Both support WiFi and Ethernet.

Position the camera properly

An optional 45-degree bracket helps align the panel with a vehicle or pedestrian approach. Assess the mounting height, camera view and reach before fixing the unit.





NETWORK & USER DEVICES

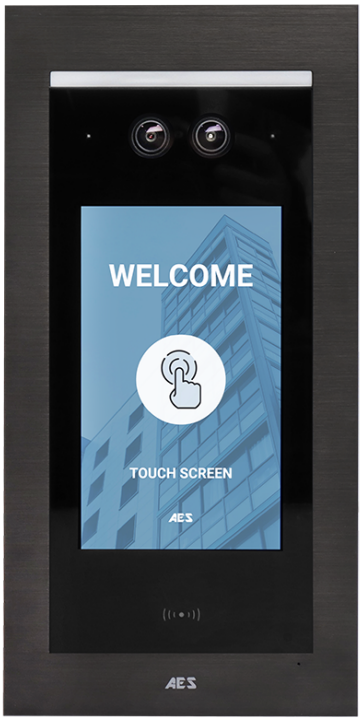
Confirm network access or compatible mobile data service, user phone support, notification behaviour, monitor quantities and the required lock / gate interface. Monitors and mounting accessories are selected separately.

05 / SHARED ENTRANCES

Opyn-Multi.
One entrance. Many users.

Touchscreen resident directory

An Android-based intercom with a 7-inch LCD panel. Ethernet LAN or compatible 4G SIM connectivity supports shared residential and multi-occupancy entrances.



Credentials and visitor access

The manufacturer advertises capacity for up to 10,000 apartments. Facial recognition and QR credentials are offered, including time-limited QR access. Final configuration and capacity must be confirmed for the selected system.

Managed from one place

The Opyn app supports user and credential functions, caller communication and activity records. A licensed management portal offers site / building organisation and user-role permissions.

PLAN THE MANAGEMENT MODEL

Name the building administrator, define resident onboarding and leaver removal, and agree remote support and licence costs. If face credentials are selected, establish the customer's approval and data-handling arrangements.

06 / WIRELESS INTERCOMS

DECT 705.
A dedicated video handset.

Answer locally

A wireless video intercom for gates, with a colour camera, infrared night vision and an integrated gate / door release relay. An access keypad is available as an option.

Published wireless range

AES quotes 200m working range and 400m in open-field conditions. The system combines 2.4GHz digital video and DECT 1.88GHz digital signals, with a long-range antenna supplied as standard.

Survey before committing

Distance alone does not establish suitability. Review walls, glazing, metalwork, antenna positions and the intended handset location; verify communication along the actual path.



WIRELESS DOES NOT REMOVE POWER REQUIREMENTS

Coordinate power and release wiring at the entrance. Confirm the handset arrangement, mounting accessories, cable routes and the final radio performance before handover.

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07 / KEYPAD ACCESS

Codes and credentials. Control each entrance.

Standalone keypads

Architectural and Imperial styles in stainless steel can complement the larger intercom panels. The published standalone specification lists three relays, 1,200 codes and an included power supply.



KeyCell multi-point access

A GSM / 4G master can connect up to six auxiliary keypad or proximity-reader units. The master provides relays 1 and 2; auxiliaries provide relays 3 to 8. The published wiring arrangement uses five cores of Cat5 cable.

Programming and feedback

KeyCell is programmable using the AES PRO app. Auxiliary units provide accepted / rejected credential indication and adjustable confirmation sounds. Agree the required reader and relay allocation for each access point.

CREDENTIAL POLICY

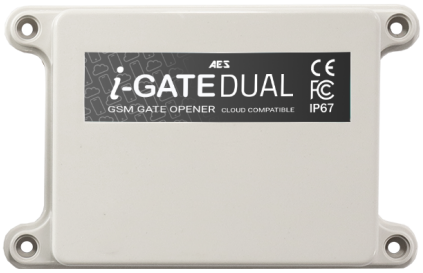
Specify which users can open each entrance, how credentials are issued and removed, and what happens on loss of power. Confirm lock supply requirements and exit arrangements as part of the complete door package.

08 / REMOTE OPERATION

A phone command. A controlled opening.

i-Gate Dual

A GSM switch for gate, barrier and door control, with support for compatible e-Loop integration. The vehicle detector is sold separately.



Calls and SMS

The GSM switch sends an opening instruction to a compatible automation control input. Confirm authorised telephone access, relay behaviour and required command functions.

i-Gate WiFi alternative

An IP / WiFi switch with 2.4GHz WiFi, suitable for DIN-rail or enclosure mounting. App functions include relay activation, sharing devices and setting relay activation time.

CHECK LIVE FUNCTIONALITY

The Dual page describes future cloud integration and states that full app functionality is to follow; direct SMS commands are available. Confirm current firmware and released features at quotation rather than relying on future functions.

09 / VEHICLE DETECTION

e-Loop V4.
Detect vehicles wirelessly.



Select the installation format

The published V4 range includes Light Industrial, In-Ground, Micro, Post Mount, Commercial and Mini detectors, with E-Trans receiver products. Choose around traffic, surface conditions and available mounting positions.

Configuration and operation

AES describes smartphone configuration, over-the-air updates, encrypted communications and replay protection. Published battery life is up to ten years in Exit Mode; actual duty and selected model affect maintenance requirements.

DEFINE THE DETECTION TASK

Specify whether the device provides an exit / opening request or another supported function. Confirm the exact model, receiver, mode, vehicle types and positioning. Coordinate the separate protective devices required by the gate or barrier design.

010 / PROJECT PLANNING

Specify the entrance. Then specify the technology.

Site & entrances	Location, photographs, gate / door types, opening direction, mounting position and exposure.
People & traffic	User numbers, visitor flow, accessibility, delivery arrangements and operating hours.
Connection	Mobile coverage, network route, WiFi path, SIM ownership, tariffs and required subscriptions.
Power & wiring	Exact device voltage / current, power supplies, cable distances, conduit routes and lock loads.
Controls & interfaces	Automation inputs, relay timing, door locks, request-to-exit devices and status requirements.
Product schedule	Panel codes, dimensions, mounting boxes, environmental rating and finish confirmed from current datasheets.
Management	Administrator, credential permissions, app / portal accounts, licences and support responsibility.
Handover & maintenance	Commissioning, user training, operating instructions and agreed maintenance arrangements.

SENTRY AUTOMATION / SUPPLY • INSTALL • MAINTAIN

Send site photographs, entrance details and your operating requirements to enquiries@sentryautomation.co.uk or call 0113 403 5583.

TECHNICAL SOURCES & SCOPE

Based on AES Global's Home, Prime Edge, Opyn, Opyn-Multi, DECT 705, Keypads, i-Gate Dual and e-Loop V4 product pages
Original manufacturer imagery. This is a selected range guide: use the current model datasheet and agreed quotation for final electrical, environmental and dimensional requirements.