

Elpas Door Kit



The Elpas Door Kit is an All-in-One Starter Solution, designed for smaller senior care facilities, assisted living residences, acute care hospitals or psychiatric units that require a cost effective wandering patient solution.

The Elpas Door Kit is packaged with everything needed to install a supervised, single-door, wandering patient solution by any experienced electrician or security/alarm technician. The kit delivers low-cost, versatile protection of ambulatory individuals suffering from Alzheimer's disease and dementia or other high risk residents and patients who exhibit the tendency to wander off unnoticed. The solution permits regular movement of care givers, guests, other residents or family members through a protected doorway while preventing un-supervised Wanderers from leaving the protected area. Should these high risk individuals approach the door through which they are not allowed to pass unescorted, the solution's automatic alert functionality immediately triggers.

The Elpas Door Kit is engineered for easy installation with minimal facility impact, eliminates the need for a dedicated computer server, is adaptable to the 'Best Practices' of any facility without field programming and is simple to use. The kit is factory pre-configured to support flexible patient escort alternatives, handle as many patients, residents or escorts as required and supports intelligent alert options.

The Elpas Door Kit can also be easily expanded to secure additional doors, cover an entire floor; guard a whole building or a complete campus and to manage assets without degradation to its core wandering patient functionality.

System Features

- Out-of-the-Box, preconfigured starter kit
- Simple to install, use and maintain
- Handles as many patients, residents or escorts as required
- Flexible patient escort alternatives
- Loitering and door-ajar monitoring
- Intelligent staff alert options
- Dual-conditioning door alarm monitoring
- Resident/Patient enrollment not required
- Modular and upgradable.
- CE, FCC and IC compliant

Key Benefits

- **Prevents** non-supervised wanderers from passing through a specific doorway
- **Reduces** staff workloads related to monitoring chronic wanderers
- **Allows** wanderers freedom of movement within the monitored area
- **Permits** unrestricted movement of
 - Staff members
 - Facility visitors
 - Other residents or patients
 - Family members

Elpas Door Kit- Confidential Technical & Product Specifications

Door Kit Contents

Qua	Item	Description
1	Controller	Detects and processes transmissions emanating from the patient's wrist tag and patient escort badges. Also triggers the configured alert functionality
1	LF Exciter	Generates a 125KHz field around the protected door that induces the wrist tag or the optional personnel badge to transmit location data to the controller
1	Patient Wrist Tag	Worn by wandering patient to signal the controller when the patient is near the door
10	Disposable Clincher Wrist ID Band, White	Replacement wrist bands for the patient wrist tag
1	CL-8 Override Keypad	Used to temporarily suspend the alert functionality
1	RJ-11 Drop Cable 2.5 Meters/8.0 Feet	For connecting the LF Exciter to the Controller
2	Magnetic Contact N/O, N/C, COM	For suppressing alerts in facilities that chose not to receive alerts when the protected door closed.
1	Surface Mount Ring	For surface mounting the LF Exciter to the wall
1	P60 Power Supply	Provides 24VDC/2.5A to the relevant kit components via the Controller

General Specifications	
LF Technology	Low frequency electromagnetic field (125 KHz)
LF Output Range	Up to 3 m (10 ft) radius (spherical field)
Tag Capacity	5,000 Tag IDs
RFID Frequency	432.92 MHz
RF Read Range	Up to 20m/65ft radius
System Supervision	LF Com Lost, DC Failure, Controller Tamper
Programmable Logic	Factory programmed; optional ELC Programmer Software for onsite updates and reconfiguration
Power Requirements	220/110 VAC
Battery Backup Input	12VDC Recommended battery: Sealed Lead- Acid-12Vdc/4.5Ah or 7.0Ah
Input/Outputs	7 analog inputs, 3 digital relay outputs (up to 10A)
Operating Environment	Temperature: 0°C to 60°C (32°F to 140°F) Humidity: 90% maximum, non-condensing
Storage Temperature	Temperature: -10°C to 70°C (14°F to 158°F)
Compliance Standards	FCC, CE and IC compliant
Warranty	1 year limited warranty (excluding batteries)

Note: Read distances may be affected by environmental conditions and site characteristics.

All specifications are subject to change without notice.

Ordering Information

Part Number	Description
5-ESK00001-1	Elpas Single Door Monitoring Kit, US plug
5-ESK00001-2	Elpas Single Door Monitoring Kit, UK plug
5-ESK00001-3	Elpas Single Door Monitoring Kit, Europe plug

Selected Compatible Accessories

Part Number	Description
5-WTA00433-B	Patient Wrist Tag
5-WTA90007	Reusable medical grade wristband with lock (5 pcs)
5-500130	Lock pin removal magnet
5-WTA90010	Wrist Band with Buckle (set of 5)
5-PB063011	Disposable Clincher Wrist ID Band, White (50 pcs)
5-BC012430	Patient Wrist Tag Lithium Battery, CR 2430 (pack of 25)
5-PBA00433-3	Staff Badge, WP, RF, 433MHz, 10/60
5-PBA90001	Staff Badge - Clip Attachment (25 pcs)
5-PBA90004	Staff Badge - Label Covers (25 pcs)
5-PBA90003	Staff Badge Lithium Battery, CR2450 (25 pcs)

For a complete list of compatible accessories, please contact your local VT Sales Representatives.