Finally, a reliable, low cost wandering patient solution!

Patient Wandering System

User Friendly

With the increasing focus on quality of life and person centered care, providers must find cost-effective ways to keep wandering patients safe while providing freedom and mobility at the same time. This is where VisionLink II and MicroVision systems can help. Our systems utilizes 900MHz spread spectrum wireless technology to link your patients to your staff 24 hours a day. When a monitored door gives an alarm, whether for loiter or a monitored resident enters a designated area, that alarm is immediately and wirelessly broadcast to the console receiver at the nursing station and/or the pocket pagers carried by your nursing staff.

Wander Management

Door controllers are installed at each exit door, elevator or gate where elopement notification is desired. The door controller can be programmed to send an alarm if the patient is present and the door opens, or if the patient is loitering at the door waiting for it to open so he/she can escape, as well as provide a audible warning tone at the door if desired. It can optionally be equipped with a magnetic lock so that the door locks if the patient enters the designated monitoring field. If equipped to lock then the door must be wired back to the fire alarm panel so that the door will remain unlocked in case of fire.
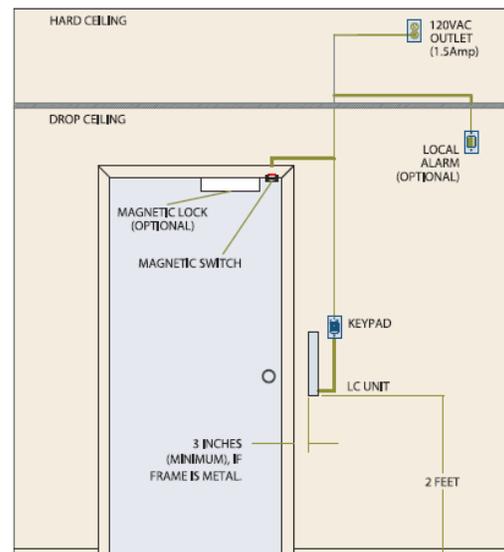
You can also have wireless notification of the alarm sent to a central receiver stationed at the nurse desk or other area and it will display the name of the door in alarm. In order for a resident to pass through the door a staff member will need to enter their code into the keypad installed at the door. Each ACT Door pack includes one keypad. An additional keypad, indoor or outdoor, can be added.

The 900MHz Advantage

Because the FCC allows higher transmit power for 900 MHz spread spectrum systems, our systems provide superior in-building range and up to 10 times the range of 300 MHz products. Need even more range? Add our repeaters to cover your multi-story building or campus. The wandering patient alarms are fully supervised and transmits every 10 seconds to indicate low battery or inactive status. In contrast, it can take some wireless systems up to 24 hours to report a malfunctioning transmitter. Need to log the date and time of the door giving the alarm? Add our Vision Link PC console. Call today - our knowledgeable and experienced staff would be happy to answer your questions.

Benefits:

- Notifies staff if residents attempt to leave the facility
- Light weight easy to clean water-resistant tag
- Protects against elopement and loitering
- All tags incorporate a red pulsating light (LED) that provides a visual indication that the tag is active.
- Notifies staff if protected doors are left open
- Adjustable monitoring range of the door up to 10 feet
- Tags not in use can be turned off to save battery life

Additional Options:

- External sounders
- Elevator deactivator
- Day/night timer
- CCTV Integration
- Magnetic locks
- Automatic door deactivator
- Fire panel interface
- Strobe lights

VisionLink II Video Display console PC offers scheduler, silent paging, management reports and so much more.

MicroVision 200Z Console with audible alpha-numeric alarm display, LED status indicators and six relays.

MicroVision 400Z Desktop Console with programmable alpha-numeric display and optional staff pocket paging.

Component Specifications	ACT Door Unit The ACT door units are mounted at points of egress. When a tag enters a monitored area, the system automatically alarms and locks the doors. This ensures patients' safety without restricting the movement of other residents, staff or visitors.	Key Pad The key pad is used to escort residents through a monitored zone and to reset zone equipment once an alarm has occurred. Up to 56 different (3-to-8 digit) user codes can be used to reset the alarm and to activate the escort function.	Magnetic Switch The magnetic switch is used on doors when alarm activation is desired only when the door is opened.
Electrical	**Operating Minimum:** 12V DC **Voltage Provided:** 12V DC unregulated **Current Minimum:** 250mA **Consumption Provided:** 1A **Wire Connections:** Terminal block **Cable Required:** Minimum 18-gauge, 2-conductor, shielded	**Operating Voltage:** UL rated at 12VDC Manufacturer rated at 9 to 16VDC **Standby Current Drain:** 15 mA typical **Current Drain with Outputs Active:** 55 mA typical **Contacts:** 10 A/30V AC/DC **Cable Minimum:** 22-gauge, 4-conductor	**Operating Voltage:** 150V DC maximum **Contact Rating:** 3 watts **Maximum Switch Voltage:** 30V AC/DC **Switching Current:** 0.5 amps DC **Cable:** 22-gauge, 2-conductor minimum
Mechanical	**Construction:** Vacuum-molded ABS **Size:** 13.25" x 2.5" x 2.25" **Weight:** 1 U.S. pound **Mounting Surface:** Four 3/16" screws	**Size:** 4-5/8" x 2-7/8" x 1-3/8" **Weight:** 4.3 ounces **Mounting:** Flush or surface mount (Metal box not recommended)	**Size:** 2.5" x 0.8" x 0.6" **Weight:** 1.2 ounces **Color:** Brown **Mounting:** Flush or surface mount (Metal box not recommended)
Operating Characteristics	**Tuning Frequency:** Nominal 131 kHz, 129-133 kHz for Stagger **Transmit/Receive Frequency:** 418 MHz **Frequency Range:** Up to 10 feet radius (360°) **Output Impedance:** 300 ohms nominal **Internal Peizo:** 85 db at 10 feet	**Power Failure:** EEPROM retains programmed data during power failures **Relay Control:** Programmable, 1-98 seconds **LED status:** Green – Escort or reset Yellow – Power Red – Alarm	**Contacts:** N.O., N.C.and Common **Initial Contact Resistance:** 100 ohms maximum **Operating Time:** 1.0 ms maximum **Bounce Time:** N.C. leg - 1.5 ms maximum N.O. leg - 1.0 ms maximum **Release Time:** 0.5 ms maximum **Maximum Operating Frequency:** 200 Hz **Insulation Resistance:** 1 x 10 ohms maximum **Electrostatic Capacitance:** 1.5 pF maximum
Environmental	Operating Temperature 32°to 120° F Intended for indoor use only	Operating Temperature: 32° to 120° F	Operating Temperature 32°to 120° F Intended for indoor use only
Duty Cycle	Rated for continuous use	Rated for continuous use	Rated for continuous use

Systemstechnologies: **Transforming Technology Into Solutions**

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