System Cabling

All system cabling (excluding mains 240vAC supply) has been tested with Cat5E UTP PVC cable.

Part Number - A8NFORCE5EUTP

Find this product online:
elandcables.com | Cables & Accessories | LAN Cable | Cat 5E UTP PVC Cable
System Components

Door Station

Monitor

System Power Supply

Optional Accessories

EVBP5BB
Lock Power Supply

EV-EXIT
Push To Release

EV-EBG
Emergency Release

EV-ML-250/500XT
Electro-magnetic Lock

ENTERD
Electric Lock
Installation

Site the door station a recommended 1.5 meters from the ground, or to suit application.
The camera needs to point in the direction of where a visitor will stand during operation.
Avoid areas of high sunlight and noise levels.
Surface mount the sunshield of the door station and connect the system cabling. Mount the camera to the sunshield by fixing with the supplied hex screw.

Site the indoor monitor to suit application.
Surface mount the bracket of the monitor or if required onto a 1-gang mount box (not supplied). Make the system connections to the back of the monitor and then slide the monitor onto the bracket using the hooks to hold firmly in place.
System Connections Example 1

Dip switch 6 set to ON when device is at the end of system line.

Dip switch 7 set to OFF to select monitor as the ‘Master’

Only one monitor on the system can be the ‘Master’

Ensure the Address ID switches are both set to OFF

Total cable run should not exceed 150 meters between door station and monitor

Power supply to be within 100 meters of monitor

No cable or connection polarity

240vAC INPUT

BUS

POWER SUPPLY

ADD1 ADD2 OFF ON
System Connections Example 2

The system power supply can support up to 5 devices

1. Only one monitor is set as the MASTER:
   - MASTER = ON
   - 7
   - OFF

2. All other monitors set as SLAVE:
   - SLAVE = ON
   - 7
   - OFF

3. Last monitor on system line has dip switch 6 set to ON
   - END OF LINE = ON
   - 6
   - OFF

4. When using different style monitors on the same system, please refer to supplied instruction to configure Master, Slave and End of line position.

The dipswitches are accessible on the rear of the door station.

When using multiple door stations ensure that each unit has a separate Address ID.
The jumpers on the rear of the door station offer different types of release modes for alternative applications dependent on the jumper link settings. LOCK1 options:

- Volt-free
- 12vDC 300mA MAX
- GND
- LOCK2
- LOCK1
- VCC
- BUS
- BUS

Please refer to the operation guide for release instructions.

The door station has a secondary switch. LOCK2 options:

- Volt-free
- N.O
- N.C
- 12vDC 300mA MAX
- GND
- LOCK2
- LOCK1
- VCC
- BUS
- BUS

At the rear of the door station ensure that the jumper links cover pins 1 and 2, on both J3 and J2 positions.

The image of jumper link shows the configuration options for various release modes.
Door Station Programming Guide

Entering Administration Mode

Press  
2 tones will sound 
Input administrator code (Default: 123456) 
Press  
2 tones will sound 

Administration Mode has been entered

The Administrator code will not release the door. A lock release code is required to be programmed

Setting a lock release code

Enter Administration Mode 
Press  
2 tones will sound 
Press  
2 tones will sound 
Enter 4 digit code required for door release

Press 
Re-enter 4 digit code required for door release
Press 
A long tone will sound
Press 
2 tones will sound 

Continue

Press 
Press 

Press to exit and complete setup
Deleting a lock release code

Enter Administration Mode

Press 4

Press

Enter code Location Number

Press 0 1

2 tones will sound

Press #

A long tone will sound

Press to exit and complete setup

Changing the Administrator code

Enter Administration Mode

Press 2

Press

Enter new 6 digit Administration Code

Press #

Press

Re-enter new 6 digit Administration Code

Press #

A long tone will sound

Press to exit and complete setup
User Guide

Using the lock release code

Enter 4 digit lock release code

Press the 'Talk' button and begin conversation

Press once to view door station image

Press once to release lock

Press once to release lock 2

Press once to talk to visitor

Chime Volume: Slide switch for High, Medium and Low setting

Chime Selection: Press button to select chime melody

Monitor Brightness: Adjustment for brightness levels

Monitor Chroma: Adjustment for the intensity of colour

Talking Volume: Adjust the volume level of the monitor

Then choose between these 3 options

Press the 'Talk' button to end call

Press the 'Lock' button to release lock and press 'Talk' to end call

Press the 'Gate' button to release lock 2 and press 'Talk' to end call

The visitor presses the call button

A chime will sound

The visitor's image will appear on the monitor

Press the call button

A chime will sound

The visitor's image will appear on the monitor

Press the 'Talk' button and begin conversation

The lock will release
Installer’s Guide

Master / Slave Setting

When using multiple monitors on 1 system;
Only the 1 handset set as the MASTER will display an image when the door station is activated.
All other monitors will ring, and will display the image once the ‘Talk’ button is pressed.

In the event of no video or audio signals coming from the monitor, or if the call button or audio cannot be activated on the door station, check the following:

A  That the system is powered sufficiently.
B  Each monitor needs to be set to a MASTER or SLAVE position
C  All system cabling is secured and properly connected.
D  All system cabling is clear of breaks or short circuits.
E  Bench test the system if the issue cannot be found.

In the event of a lock release issue, check the following:

A  The user instructions and operation of the monitor has been understood.
B  That the lock is powered sufficiently.
C  All system cabling is secured and properly connected.
D  All system cabling is clear of breaks or short circuits.
E  On the rear of the door station, ensure the lock output is switching when activated by the monitor.