Demo Guide

Ingressus Demo Kit

Ingressus Demo Kit has a few important components for demonstrations. The components include:

- Ingressus II - FingerTec advanced 2-door access controller
- 4 units of slave device (2 units of R2c, 1 unit of k-Kadex and 1 unit of i-Kadex)
- 4 LED light indicators to simulate door opening and closing operations
  - Door Locked LED light up to indicate door is closed
  - Door Unlocked LED light up to indicate door is opened
- 1 ON/OFF switch to simulate door sensor operation
  - NO indicates door sensor is separated
  - NC indicates door sensor attached
- 1 alarm to output alert sound
- 1 smoke and heat sensor
- 1 motion detector
- 5 pieces of RFID cards.

Ingress software must be installed to configure and upload activities to Ingressus prior to demonstration. Refer to the Ingress software user guide to learn about Ingress.

Setup/Configuration at Ingress Software

Step 1 • Setup of Ingress software

Install Ingress software to your computer.
Refer to Ingress Software User Guide - Chapter 1 Installation and Configuration.

Step 2 • Connect Ingressus to Ingress software

1. Connect Ingressus to Ingress - Refer to Ingress Software User Guide - Chapter 2 Management of Device and Door > Add Device by Auto Scan
2. Configure basic settings of Ingressus - Refer to Configuring Device section
3. Connect Ingressus with slave devices (R2c, i-Kadex and k-Kadex) – Refer to Add Ingressus to Door
4. Setup access control settings - Configuring Settings to Door

Step 3 • Creating employees' identities for demonstration

1. Refer to Chapter 4 Management of Users > To create users manually
2. Create users one by one
3. Create password or insert RFID card number manually for the users
4. Follow instruction under To edit users' information manually to fill in biodata of the users
5. Enroll user fingerprints using OFIS-Y scanner
6. Upload information to Ingressus. Refer to Upload users to devices for details.

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Demonstrations

There are a total of 6 important demonstrations for Ingressus. Please follow the instructions below to set up and upload settings to Ingressus before you start your demonstrations.

1 Verification using fingerprint, card and password

1. Verify enrolled fingerprint at R2c. The Door Unlock LED will light up indicating door open.
2. Verify using password and card to unlock the door
3. Verify invalid fingerprints at R2c. The Door Locked LED will light up indicating door will not open for invalid verification.

2 Door access security using door sensor and alarm

Amend the settings under Doors to demonstrate functions of each option. Refer to Configuring settings to doors at Chapter 2 Management of Device and Door.

1. Change the following and upload settings to Ingressus
   a. Lock Open Duration = 3s
   b. Door sensor Type = NC
   c. Door sensor delay = 1s
2. Verify to unlock door, Door unlock LED will light up
3. Switch door sensor to NO position to simulate door open
4. Wait for 3s and Door Locked LED to light up
5. Wait for 1s and Alarm shall be activated
6. Switch door sensor to NC position to simulate door closing
7. Alarm shall be de-activated
8. Make sure Door Locked LED light up to simulate door close
9. Switch door sensor to NO position to simulate door force open
10. Alarm shall be activated immediately
11. Switch door sensor to NC position to simulate door close
12. Alarm shall be de-activated immediately

3 Antipassback

Amend settings under Zone, which is available in Ingressus Only to demonstrate Antipassback feature. Refer to Chapter 3 Setup of Zones under Section Antipassback for details.

1. Set the Antipassback between readers of Door 1 and readers of Door 2 respectively and upload it to Ingressus
2. Verify at In device once followed by verification at Out device once to simulate normal in-out operation
3. Verify at In device once to simulate clocking in scenario
4. Verify at In device again to simulate clocking in again
5. Door Unlocked LED will not light up to indicate that the door will not be opened when you set Antipassback on.
6. Verify once at the Out device then followed by once at the In device. Door unlocked LED will light up to indicate door open.

4 Interlocking

Amend settings under Zone, which is available in Ingressus Only to demonstrate Interlocking feature. Refer to Chapter 3 Setup of Zones under Section Interlocking for details.

1. Activate the option and upload to Ingressus
2. Verify at In device, the Door Unlocked LED will light up
3. Switch door sensor to NO position to simulate door open
4. Verify at Out device to simulate user is going to open the second door
5. Door Locked LED will light up indicating that door remains close
6. Switch door sensor to NC position to simulate door close
7. Verify again at Out device and Door Unlocked LED will light up to indicate door open

5 Fire alarm (smoke and heat sensor)

Amend settings under Zone, which is available in Ingressus Only to demonstrate Fire alarm feature. Refer to Chapter 3 Setup of Zones under Section Fire alarm for details.

1. Set Auxiliary Input Shorted under Trigger Condition
2. Set Auxiliary Input 1 under Input Point Address
3. Check Lock 1 and Lock 2
4. Select Normal Open under Action Type
5. Upload settings to Ingressus
6. Press the test button of the smoke and heat sensor to simulate fire or smoke detected
7. Door Unlocked LED of both doors will light up to indicate door open

6 Burglar alarm (motion detector)

Amend settings under Zone, which is available in Ingressus Only to demonstrate burglar alarm. Refer to Chapter 3 Setup of Zones under Section Fire alarm for details.

1. Set Auxiliary Input Disconnected under Trigger Condition
2. Set Auxiliary Input 2 under Input Point Address
3. Check Auxiliary 1 only
4. Select Normal Open under Action Type
5. Upload settings to Ingressus
6. Wave in front of the motion detector to simulate movement
7. Alarm should trigger immediately