

K1T431 SERIES

Biometric Facial Recognition Reader

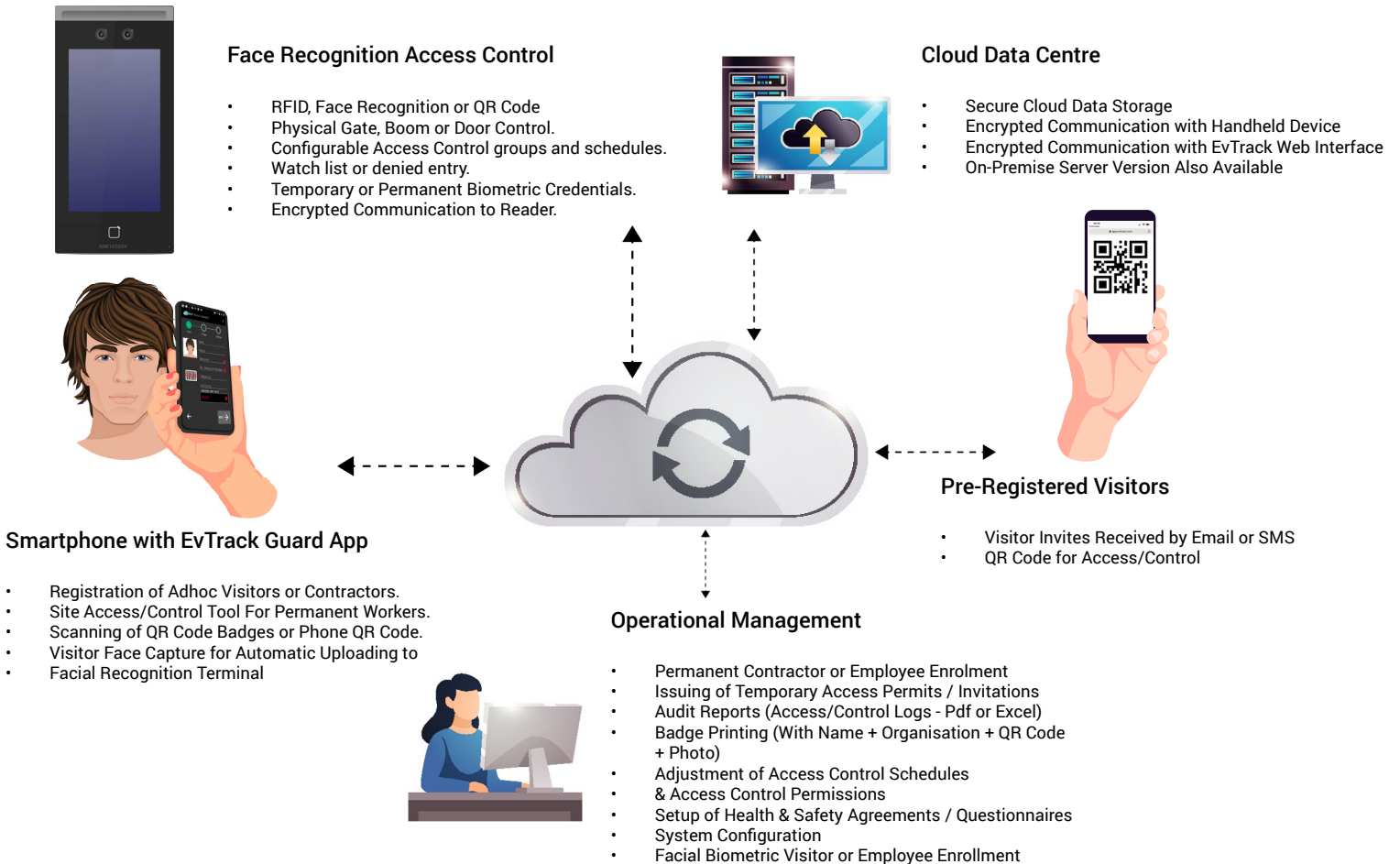
The K1T431 is a wall mountable reader for pedestrian or vehicle access control applications. It features dual megapixel cameras with an advanced facial recognition algorithm and support for thousands of face credentials to be stored securely on the device (i.e on the edge). Suitable for networked or stand-alone operation it features an embedded processor, network interface, NTP time synchronisation and a 4.3" touch screen display interface.

The device is fully supported by the EvTrack Eco System allowing access control by visitor or employee through facial recognition as well as RFID card/tag. Employees can be enrolled using the EvTrack web portal or via the EvTrack web registration link. For temporary access control applications, visitor photos can be captured using the EvTrack guard application which is then transparently uploaded to the facial recognition terminal for instant use. After the default visitor period has expired or the use limit has been reached, the visitor's face credential is removed from the device.

- High Speed Facial Recognition with Upto 3000 Onboard Face Credentials
- Dual 2 Megapixel Cameras with Anti-Spoofing & IR and/or Visible Illumination
- 0.3 to 3 Mtr Facial Recognition Range with 1:N or 1:1 Matching
- Facial Recognition Speed = 0.5 Second
- Supports Both Face & RFID Card/Tag Credentials
- Stand-Alone Operation with Edge Storage
- Support For a Single External Card Reader via Wiegand
- 10/100Mbps Ethernet Interface
- IP65 Weatherproof & 12VDC Operation

Please note facial biometric units are not 100% anti-spoof. Therefore, for higher security levels it is recommended to use a combination of credentials.

System Architecture



Access Control Workflow



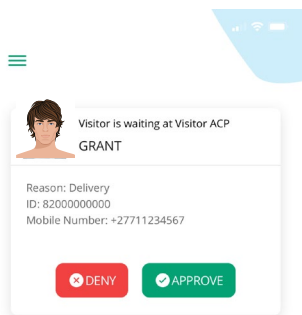
Step 01 Visitor Arrives at Building & Approaches Security Officer



Step 02 Security Selects the Visitor Host & Captures Visitor Information such as ID, passport, vehicle details, asset etc



Step 03 Visitor is Asked a Series of Customisable Questions, and a Temperature is Taken.



Step 04 A message is sent by email or SMS to the host with the visitors contact details and photo for visitor approval.



Step 05 On Approval by the Host, the visitors face is added temporarily to the access control face biometric reader & a visitor badge is printed.



Step 06 Visitor Enters the Building & a message is sent to the host.