

# 1.0 Product Specification

## 1.1 Overview

The term PACT is the acronym for **Physical Access Control Terminal**. The PAT1241 has three user interfaces, the Contact, the contactless Smart Card and the Pin-pad and is intended for indoor use. Apart from this there is the Access granted/denied indication LED and Buzzer. The PAT1241 is based on the PACT STCII-B ASIC and is designed for indoor operation. The contact less interface is managed by the Mifare controller. This product has two communication channels, the RS 485 channel and Weigand/Magnetic stripe channel for communication with the Control Panel. For security purposes, a SAM is embedded as a crypto processor and key storage device.

## 1.2 Product Features

- User Interfaces
  1. Contact Smart Card
  2. Contact less Smart Card
  3. Pin-pad
  4. Activity LED's one for contact, one for contact less and one for pin-pad
  5. Access granted/denied indicator
  6. Buzzer.
  
- Power

The device is powered by the control panel, **12V** DC with a range from 9 to 16V.
  
- RS485 communication channel
  1. Install options for 2 wire / 4 wire mode
  2. DIP Switch configurable address selection and termination.