

PROTEAN ezGATE Controller



IDCUBE's Protean ezGATE Controller is a new generation access control panel, designed specifically to meet Smart Entrance Access Management requirements. The two-reader controller is a reliable solution for e-ticketing & visitor management. It processes user information using a Secured Access Object (SAO) framework, received in the form of a QR Code.

The Protean seamlessly integrates with various automatic barrier systems such as flap barriers, turnstiles etc along with displays to flash user information or welcome messages at the time of user presenting the access credential.

QR Code is easier to handle and can be easily printed on paper or electronically transferred as messages, which makes it a much economical alternative to smart cards. The SAO based QR codes are encrypted as per industry standards therefore cannot be tampered.

KEY FEATURES:

IP based 2 Reader Access Controller

Support 10000 user credentials & 50000 transaction buffer

4 Inputs & 4 Outputs

Optional display interface port for VGA & HDMI displays

Faster serial communication interface

Secured transaction by encryption

Logs synchronization with Access360 server for reporting

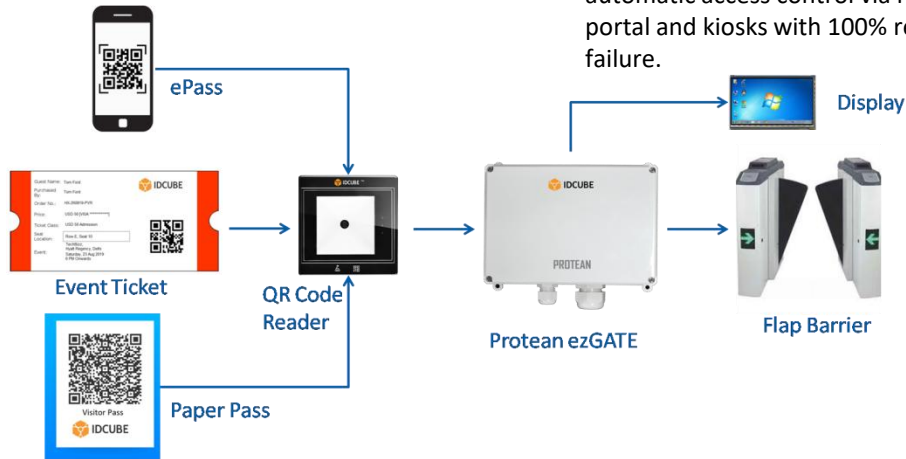
Integration with third party solutions

Functions in offline mode by SAO

Timed Anti-pass back

Ticketing Solution

The Protean ezGATE controller helps system integrators to integrate automatic access control system with QR code based ticketing solutions for stadiums, amusement parks, monuments, memorials, museums, theaters or gated events. The system allows easy ticket issuance via box office, online portal and kiosks with 100% reliability even on network failure or no network availability.



Visitor Management Solution

The Protean ezGATE controller ensures very high reliability, security & automation of Visitor Access Management processes in business parks, corporate offices, gated communities or manufacturing units. The system allows visitors to directly walk in through the automatic barrier gates (Turnstiles, Flap barriers etc.) without having to queue up at reception desk. The system allows easy visitor pass issuance for automatic access control via reception desk, online portal and kiosks with 100% reliability even on network failure.

TECHNICAL SPECIFICATIONS:

Characteristic	Parameter
CPU	ARM Cortex™-A5, Cortex™-M4, 500 MHz (A5), 167 MHz (M4)
RAM	256MB DDR3 (16 Bit)
Flash	512MB NAND (8 Bit)
Input Power Supply (AC)	85-305 VAC; 47 to 440Hz; 0.12A/115VAC; 0.08A/230VAC; 0.06A/277VAC
Working Voltage (DC)	12V DC; 0.42 Amp
Input	4 Dry Contact (Programmable)
Output	4 Auxiliary Output (Programmable)
USB	1x Host (High Speed), 1x OTG (High Speed)
Ethernet	10/100 Mbit IEEE1588
Reader Interface	2 Ports (RS232/TTL)
Display Controller	Single
Graphics Controller	Integrated
HDMI/ VGA	Ad On
Dimensions	200mm x 150mm x 80mm (without glands)
Operating Temperature	-40° to 70° C
Operating Humidity	5% to 95% relative humidity, non-condensing
Certification	CE

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