



SmaX Access Control System Intelligent Site Controller

The **SmaX Intelligent Site Controller (ISC)** is a sophisticated and intelligent access device that manages and controls the SmaX Access Control System.

The ISC server runs on a linux embedded platform which enables web access to the configuration and management features of the SmaX ISC.

The ISC can be accessed over a Wide Area Network (WAN) or Local Area Network (LAN) via TCP/IP protocol. This allows the ISC to be configured and administered by any computer on the network, or a secure off-site location with the appropriate user authorisation.

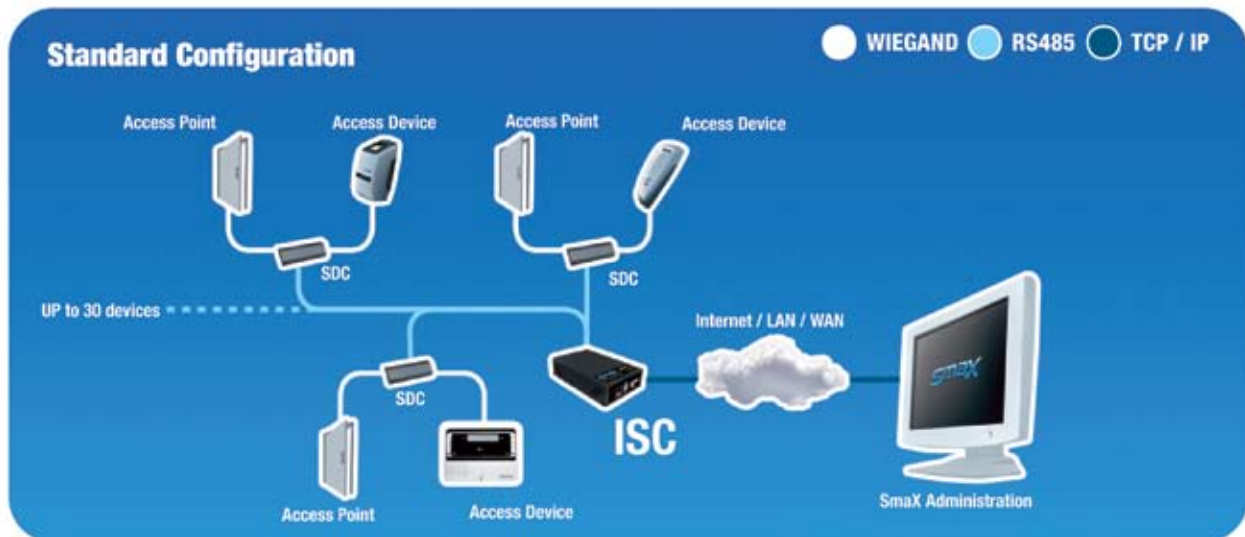
The SmaX database resides in the ISC and can be easily backed up to a computer

facilitating redundancy requirements. The ISC database is downloaded to the Single Door Controller's (SDC) connected to the ISC whenever a modification the system occurs.

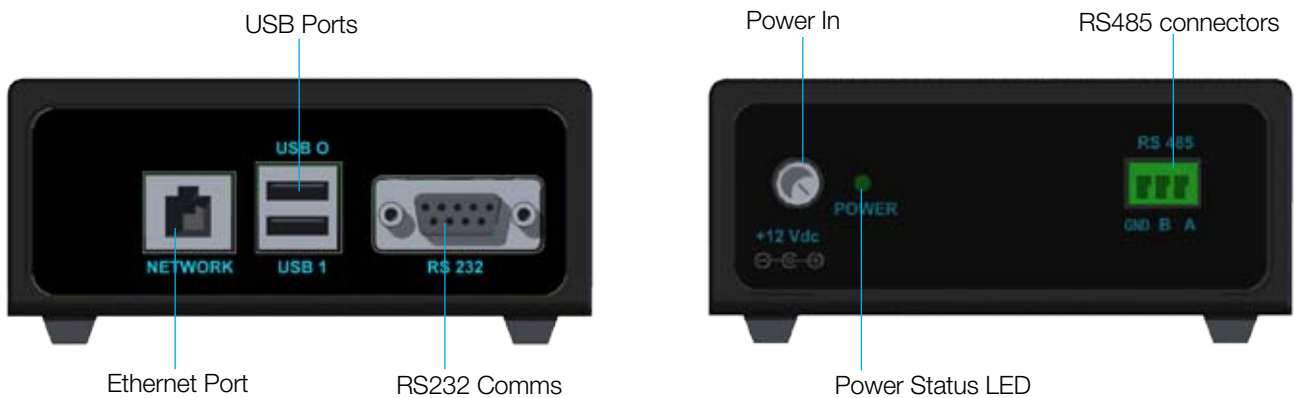
The ISC has an RS485 interface to provide direct connection to the Single Door Controllers (SDC) and access devices connected to the system. Up to 30 access points can be controlled by each ISC. It is possible to have multiple ISC's installed in one site, this configuration requires a Head End Server to administer the site.

Any of BQT's range of miPASS Smart Card, Biometric or PIN Pad readers or third party technologies in a Wiegand format can be connected to the ISC.

Standard system setup with one ISC



ISC rear and front view



Specifications

	Specifications
power requirement	12Vdc
input / output	RS485
network communication	TCP/IP
operating system	Linux
web server	Apache - embedded
database server	MYSQL
smax server	Constant communication with SDC's on RS485 network
memory	1GB compact flash
dimensions	180 (L) x 109 (W) x 48 (D) mm (7.09" x 4.29" x 1.89")

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