

Schonell® Access

Designed and Developed in
Singapore by Schonell
<https://www.schonell.co>
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Our reinvention of the access control system, Schonell Access.
Our solution is a combination of a contactless card entry and a wireless entry
smartphone solution for buildings.
Increase safety and convenience at your organization or building with our
innovative cloud, secure access control systems.
Upgrade from your legacy access control system today.

Cloud Access Control: Simple and Secure

Smartphone: Manage your entry from anywhere with a tap

Redefining expectations in access control in every way



Future Oriented- IoT Internet of Things Ready

Connects you to various applications
Future proof your building



Cloud Based Access Control

Go server-less and save on future costly upgrades
Smart cloud server with zero fees or any additional networking equipment



Single System Setup

Schonell Access is a state of the art hardware reader and controller all in one



Remarkably Durable

Unibody IP65 construction
Weather resilient for indoor and outdoor applications



Seamless OTA Over The Air Cloud Upgrades

Schonell Access is designed for maximum convenience while enjoying the latest highest grade security with our edge to cloud infrastructure



Wi-Fi + POE power of Ethernet Ready

Save up to 90% cabling costs* with minimal cabling required
A simple installation to fit any building layout



Security at a Scale

From a single door to multi-site enterprises, Schonell access simplifies access control operations for your entire organization



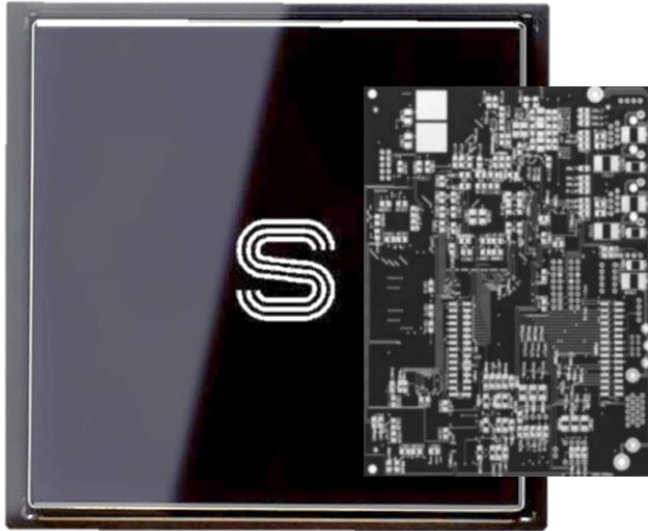
Complete Online + Offline Control

Getting to your doors, gates, and elevators made simple and secure with contactless credentials and scalable technologies



Smart Cloud Access Control Web Panel

Control, manage, monitor and program users wirelessly in real time from any device, anywhere.



M1 Access Control Card: Powerful microprocessor for data algorithm and storage

Build in Ultra High Level Financial Banking Grade Card Security: EAL5+ chip used in credit cards, AES128 encryption, secure channel-based file transfer and proximity checks to protect card data from attacks

One card, One certificate, Clone Proof Cards: By implementing a random UID, the card will never openly share any information that could be associated with the user. Physical NFC preset with public key certificate, one to one correspondence, prevents cloning

Cloud Access Control: Provides centralized management, visibility, scalability, flexibility and control, without the cost and complexity of traditional physical access systems

Smartphone, Online, Offline Usage Possible: Seamless integration with Schonell Access App

Single and Simple Implementation: Schonell Access is a Reader and Controller two in one

POE and WiFi Ready: Seamless application and integration into any building layout

Just Two Simple Steps For Users: Sign up, Link card, and Start using immediately



Schonell Card:

One card, one certificate, clone proof technology
 Ultra high level banking grade security:
 EAL5+ Security chip
 AES128 Encryption
 M1 Microprocessor



Access Control App:

Simply tap to grant access from anywhere
 No configuration required
 Link card and start using immediately
 No license fees, No Ads
 100% Free for iOS and Android

Technical Specifications

Chassis: 316L Stainless Steel Enclosure, Tempered Glass Front

Size and Weight: 86mm X 86mm, 245g

Environmental Rating: IP65 Indoors and Outdoors

Installation: Flush or Surface Mount

Speakers: Signal Noise Ratio >80Db, Frequency 15Hz ~25Khz, with 2 x 8Ω2W adjustable gain

Connectivity: Wi-Fi, Ethernet (PoE Power over Ethernet)

Supported Cards: Schonell Card (13.56hz MIFARE DESFire ev3)

Crypto Processor Hardware Common Criteria Rating: EAL5+

Power Supply: 5V DC

