

Wireless Possibilities for Glass Entryways



R100-1H Surface Mounted Wireless Reader and Aperio® Hub

Extend elegant access control to glass entryways

The Securitron R100-1H surface mounted wireless reader and pre-paired Aperio hub offers an elegant way to extend access control to glass, stone, granite and marble entryways. The easy-to-install wireless reader, requires no drilling or pulling of wires and adheres quickly to the outside of a glass door. Glass entryways can now integrate robust access control while maintaining a clean, wireless appearance.

R100-1H

Surface Mounted Wireless Reader and Aperio® Hub

Aperio Technology

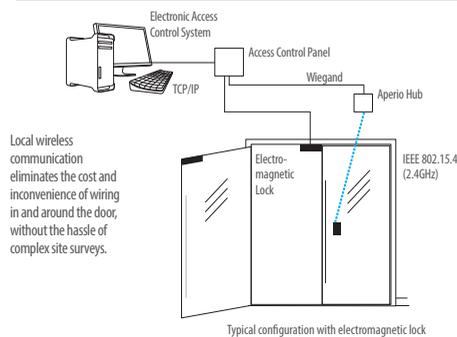
- Minimal field configuration for quick, easy wireless deployments that eliminate the costs and inconvenience of complex site surveys
- Fully-encrypted AES128 wireless communication between the R100 surface mounted wireless reader and Aperio hub ensures data security
- The Aperio wireless hub connects to an access control system with Wiegand wiring plus additional tamper and low battery signal wires
- The Aperio hub should be mounted within 50' of the desired lock location and through two walls or less

PRODUCT FEATURES

- Uses existing ID badges (no keys to control or replace, no codes to secure or remember)
 - Two models are available to support low frequency or high frequency cards
 - Low frequency model supports PROX and EM PROX
 - High frequency model supports iCLASS, iCLASS SEOS™, iCLASS SE, ISO14443B UID, Mifare, Mifare Plus, Desfire SE, Desfire EV1, NFC
- Easy to install. Adheres to glass surface without any connecting wires
 - Provides aesthetic benefit to glass entryways
 - Shortened wire pull from panel to hub provides cost benefit in installation
- Provides up to 35,000 battery cycles
- Environmentally sealed electronics providing protection from moisture, heat and cold
 - Tested to operate in an extended outdoor temperature range
- Complements ASSA ABLOY electrified locking devices including electromagnetic locks, electric strikes, electric locks and electrified exit devices. The electrified locking devices will be hard wired directly to the access control system for power
- Includes pre-paired Aperio hub

PRODUCT SPECS

- FCC Part 15 & Industry Canada Compliant
- CE Compliant
- Operating Temperature -40 to +122F (-40C to +50C)



ADAMS RITE A100

HES K100

HES KS100

MEDECO M100

SARGENT IN100

SARGENT PR100

Aperio is supported globally by a growing list of access control systems. Please contact your local ASSA ABLOY Door Security Solutions sales consultant for more information on integrating Aperio with your access control system.

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