

S840 Keypad Proximity Readers



PROXIMITY READERS

The S840 reads HID format cards and is designed for use with the multiNODE-1000, multiNODE-2 SMD, multiNODE-2000 and multiNODE-2100 controllers. Typical read range is 5" (120mm) with HID Proxcard II.



Unlike Wiegand interface readers, the S840 uses secure, bi-directional, Pseudo-Random supervised communications between the multiNODE controllers and their associated readers. Both the reader and cable are supervised, and an alarm will sound if the reader is tampered with or communications lost.

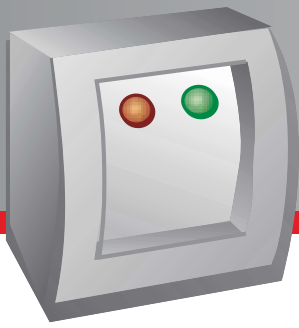
A distance from the multiNODE controller to the S840 of up to 3000ft (1000m) can also be achieved. Reader features include integral buzzer providing positive confirmation of PIN entry and local door pre-held warning alarm. Additional programming LEDs are used in conjunction with card commands initiated from the reader keypad.

Key Features

- Reads HID format cards
- Typical read range of 5" (120mm) with HID ProxCard II
- Secure, bi-directional, Pseudo-Random supervised communications
- Audible feedback provides positive confirmation of card read & key press
- Visual indication for card accepted, card rejected and PIN prompt
- Card commands in conjunction with LED status indicators
- Integral Door Pre-Held warning buzzer
- Supports S660 RIM for local door input and output terminations

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Access Control & Security Management Solutions



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General Specifications

● Model Types

Model S840 - Card and keypad proximity reader
Available in Ash Gray, Charcoal Gray and Black

● Operating Environment

S840
-40°F to +122°F (-40°C to +50°C)
15% to 90% Humidity, non condensing
Optional weather kit recommended when mounting outside

S660
+32°F to +122°F (0°C to +50°C)
15% to 90% Humidity, non condensing

● Communicating Distances

multiNODE-1000/multiNODE-2 SMD/multiNODE-2000/multiNODE-2100 controllers to S840 (current loop) = 3000ft/1000m
S660 to S840 = 30ft/10m

● Power Requirements

S840
Nominal 12VDC (9-14V)
Maximum current consumption 0.1 Amp

S660
18VAC supply from an external transformer with minimum rating of 50VA.

● Dimensions Inches (mm)

	S840	S660
Width =	3.8" (97mm)	10" (255mm)
Height =	4.9" (125mm)	8.3" (210mm)
Depth =	1.8" (45mm)	3.5" (90mm)

● Approvals

Radio regulatory approvals to EN 300 330:1994
FCC CFR47 Part 15 Subpart c
ETS 300 330
Access control product testing to EN 50133-1



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