The Symmetry S840-KP reads HID 125KHz proximity cards and is designed for use with the complete range of database and door controllers. Typical read range is 5’ (120mm) with HID Proxcard II.

Unlike Wiegand interface readers, the Symmetry S840-KP uses secure, bi-directional, pseudo-random supervised communications between the door 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.

Reader features include integral buzzer providing 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 held warning buzzer, supports S660 RIM for local door input and output terminations, a distance from the door controller to the Symmetry S840-KP of up to 3000ft (1000m) can also be achieved.

The S840-KP keypad allows use of card and pin for two factor operation/authorization. Card commands allow the card holder to issue pre-defined commands from the keypad as well.
SPECIFICATIONS

Model Types
- Model Symmetry S840-KP Card and keypad proximity reader available in ash gray, charcoal gray and black

Operating Environment
- -40°F to +122°F (-40°C to +50°C)
- 15% to 90% Humidity, non condensing
- Optional weather kit recommended when mounting outside
- +32°F to +122°F (0°C to +50°C)
- 15% to 90% Humidity, non condensing

Communicating Distances
- All Symmetry door controllers to Symmetry S840-KP (current loop) = 3000ft/1000m
- S660 to Symmetry S840-KP = 30ft/10m

Power Requirements
- Symmetry S840-KP
  - Nominal 12VDC (9-14V)
  - Maximum current consumption: 0.1 Amp
- S660
  - 18VAC supply from an external transformer with minimum rating of 50VA.

Dimensions
- Symmetry S840-KP
  - Width = 3.8” (97mm)
  - Height = 4.9” (125mm)
  - Depth = 1.8” (45)mm
- S660
  - Width = 10” (255mm)
  - Height = 8.3” (210mm)
  - Depth = 3.5” (90mm)

APPROVALS

Radio regulatory approvals
- EN 300 330:1994
- FCC CFR47 Part 15 Subpart c
- ETS 300 330

Access control product testing
- to EN 50133-1

PURCHASING INFORMATION
- 840-KP-AG Ash Gray
- 840-KP-BK Black
- 840-KP-CG Charcoal Gray