

MaxiProx[®] Reader

ECS Proximity Card Reader



ECS MPX 5375 MaxiProx Reader



ECS CS-10 Proximity Card



ECS KT-10
Proximity Key Tag



ECS PP-10 Active Proximity Tag

The ECS MaxiProx™ Reader is ideal for installations incorporating parking control and long read range applications. The MaxiProx reader packages all the electronics in one rugged, attractive and easy-to-install housing.

The ECS MaxiProx reader is environmentally protected to withstand harsh conditions and is highly vandal-resistant to provide reliable performance anywhere. Used as part of an ECS access control system the MaxiProx reader offers you both security and user convenience.

Features

- **Long read range distance (up to 8' with ECS - PP-10 Active Proximity Tags).**
- **Autotune allows read range to be maintained within four inches of metal.**
- **Wiegand, Clock-and-Data and selected serial outputs available**
- **“Parking Hold” feature allows connection to a loop detector to ensure accurate detection of vehicles in parking lanes.**
- **Compatible with all ECS Proximity Cards and Tags.**
- **Multicolor LED with internal or host control of LED and beeper**
- **Two MaxiProx units can operate one meter apart for “HI-LO” (truck and car) installations**



Features

MOUNTING: mount on non-metallic surfaces for optimal read range performance.

AUDIO/VISUAL INDICATION: when a proximity card/tag is presented to the reader, the red LED flashes green and the beeper sounds. The multicolor LED and beeper can also be controlled individually by the host system.

DIAGNOSTICS: on reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper, and initializes the reader's operation.

INDOOR/OUTDOOR DESIGN: sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments as well as provide a high degree of vandal resistance for reliable performance anywhere.

EASILY INTERFACED: interfaces with all existing Wiegand, Clock-and-Data, RS-232, RS-422 and RS-485 protocol access control systems. The serial interfaces support baud rates of 1200, 2400, 4800 and 9600 baud.

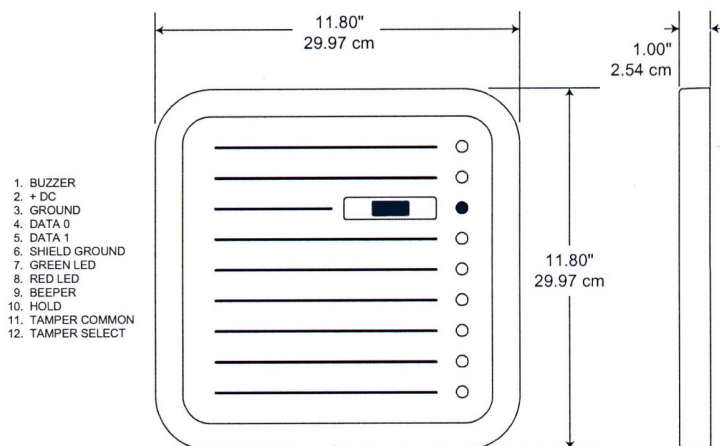
SECURITY: includes a tamper switch for electronic notification of reader tampering. Recognizes card formats up to 85 bits.

WARRANTY: warranted against defects in materials and workmanship for life from date of shipment.

PART NUMBER:
Base Part No.: MPX 5375

DESCRIPTION: Wiegand interface, charcoal gray, tri-state LED, internal beeper
Options:

- LED and beeper operation
- Custom label



Specifications

TYPICAL MAXIMUM* READ RANGE

Proximity Cards - up to 20" (50cm)
Proximity Tags - up to 17" (43 cm)
Active Proximity Tags - up to 8' (240 cm, 2.4 m)
* Depending on local installation conditions

DIMENSIONS:

11.8" x 11.8" x 1.0" (30.0 x 30.0 x 2.54 cm)

MATERIAL: polycarbonate UL 94

POWER SUPPLY:

Configurable 12 or 24 VDC
Linear power supplies are recommended

CURRENT REQUIREMENTS

12 VDC - Avg. 200 mA , Peak 700 mA
24 VDC - Avg. 260 mA , Peak 1.2A

OPERATING TEMPERATURE

-22° to 150°F (-30° to 65°C)

OPERATING HUMIDITY

0% to 95% relative humidity non-condensing

WEIGHT: 51 oz. (1.4 kgm)

TRANSMIT FREQUENCY: 125 kHz

CERTIFICATIONS:

Canada/UL 294 Listed: Access Control System Units
FCC Certification, United States
Canada Certification
CE Mark, Fifteen EU Countries under the R&TTE Directive (EN60950 - ITE Electrical Safety, EN 300 330 - SRD, and ETS 300 683 - EMC)
IEC60950, ITE CB Scheme Electrical Safety
Australia C-Tick Mark
New Zealand EMC

CABLE DISTANCE:

Wiegand interface: 500 feet (152 m)
Clock-and-Data interface: 50 feet (15 m)
RS-232: 50-200 feet (15-61 m)
Recommended cable is ALPHA 1295 (22 AWG)
5 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.
RS-422 and RS-485: 4000 feet (1219 m)
Recommended cable is ALPHA 1297.



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