AWID's XP-3620 UHF Switchplate-Type Reader is the link between card access by people at doors in buildings, and vehicle access at gates for parking. The XP-3620 reads the same UHF hand-held cards and keytag that drivers use for vehicle identification and gate control at a parking facility. These cards and keytag are compatible with AWID's LR-2000, LR-2200 and LR-3000 long-range readers and their “HiLo” sets. The enclosure is a striking, deep black design.

**Installation**  The XP-3620 reader fits perfectly on a single-gang electrical utility box, a wall, or other surface, using two screws (supplied). With simultaneous Wiegand and RS-232 data output, the XP-3620 reader can be interfaced for a wide variety of access control, special system control, and cardholder identification applications.

**Features**  The reader's 2-color LED and beeper are controlled by the reader itself. No external wiring is required for this feedback. The XP-3620 is self-testing, using its LED and beeper as indicators. It needs no interface to a controller to show that it is performing correctly. The reader can be demonstrated with nothing more than a DC power source (even a battery) and a card or keytag.

**Operation**  The XP-3620 reader uses “re-present” mode. After a card is read, it must be removed from the field, and then brought back into the field for a second read. This eliminates unintentional multiple reads of a card’s code into the host system. Read range is up to 6 inches.

**Environment**  The XP-3620 may be installed indoors or outdoors. The reader is secure when its cover is in place after installation. The electronic circuits are protected from moisture. The reader may be exposed directly to rain, water sprinklers, snow, or bright sunlight in a hot environment.

**Credentials**  The hand-held cards and keytag for the XP-3620 are the same as the credentials that AWID offers for its UHF long-range readers in gate applications for vehicle access. Encoding in the cards and keytag has the same format and data fields as in AWID’s credentials for all other reader types.

The XP-3620 reader's read range is up to 6 inches. (Mounting the XP-3620 directly on metal slightly reduces the read range.) Presenting any AWID UHF card or keytag to the reader causes the beeper to sound and the LED to change color momentarily.

**FEATURES**

- People access using UHF cards ... Same cards for vehicles and people
- Quick access at busy entrances ... Read range up to 6 inches
- Easy mounting ... Fastens on electrical box or wall
- Easy wiring for power and data ... Connects like a proximity reader
- Combines car and people access ... Interfaces to common access control
- Reader needs no programming ... XP-3620 reads all AWID UHF cards
- Compatible with access systems ... Standard code formats & interfaces
- Visible and audible feedback ... Reads indicated by LED and beeper
- Great appearance in all locations ... Attractive enclosure, small size
XP-3620™
UHF Card Reader

OPERATING CHARACTERISTICS
Reading Distance:
On wall or metal – up to 6 inches
Frequency Band:
902 to 928 MHz
Frequency-hopping technology
Antenna Output:
Circular-polarized RF field
Power Supply:
+5 to +12 volts DC supply; rated 1.0 ampere or more; linear type; regulated DC output (Panel’s power terminals are OK.)
Communications Protocol:
Wiegand and RS-232, simultaneous
Code Formats:
Programmed in AWID's UHF credentials
Reads 26-bit to 50-bit codes
Cable (for Wiegand Interface):
22 gauge, 4 wires, stranded, color-coded
Overall shielded for both power and data
Up to 500 feet long for Wiegand interface

PHYSICAL CHARACTERISTICS
Dimensions:
3.1 x 4.9 x 1.0 inch (7.9 x 12.5 x 2.5 cm)
Weight:
6 ounces (170 grams)
Material (Color):
ABS 2-part enclosure (black)
Cable (Integrated with Reader):
10 conductors, 18 inches long
Overall shielded, gray plastic jacket
Mounting (Supplied by Installer):
On wall, or single-gang utility box

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