

# YOUR TIME IS OF THE ESSENCE.

## XP-3620™

uAxxcess by **AWiD**

### INTRODUCING THE ALL NEW XP-3620™ uAxxcess CARD READER



**TRUST US... WE GET IT.** YOUR TIME IS VALUABLE AND WE'RE LISTENING. AWID's **XP-3620™** UHF switchplate-type reader is designed with the user in mind: responsiveness, security, and speed. Utilizing these crucial characteristics, we have developed the essential access link for door entry into buildings, or gate entry into specified parking facilities.

Cutting-edge UHF reader technology allows the use of hand-held cards **and** keytags used for access control into buildings, as well as by drivers at the gate. The cards and keytag are compatible with AWID's LR-2000, LR-2200 and LR-3000 long-range readers.

# AWiD

## FEATURES

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



# BUILDING OR PARKING ACCESS

## 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 user identification applications.

## 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.

## 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, while mounting the unit 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.

## ACCESSORIES AND SUPPLIES

### MOUNTING HARDWARE:

Screws for single-gang electrical utility box are supplied with the XP-3620™ reader.

### POWER SUPPLY:

The XP-3620™ reader operates with voltage between +5 volts and +12 volts DC. Most controller panels provide suitable voltage and current on the "+DC Power" and "ground" terminals. An external DC power supply (nominal +12 volts, 1 ampere, linear-rated, regulated output) may be used.

### CABLE FOR POWER AND DATA:

A single cable interfacing the reader to the panel should be 22 gauge, 4 conductors, **overall shielded**, stranded wires, color-coded, not twisted pairs. Using Wiegand interface, cable may be up to 500 feet long for power and data.

**INSTALLATION SHEET:** Download full instructions at [AWiD.com](http://AWiD.com)

## OPERATING CHARACTERISTICS

### READING DISTANCE:

- On wall or metal – up to 6 inches

### FREQUENCY BAND:

- 902 to 928 MHz
- Frequency-hopping technology

### 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 ft long for Wiegand interface

## PHYSICAL CHARACTERISTICS

**DIMENSIONS:** 3.1 x 4.9 x 1.0 in (7.9 x 12.5 x 2.5 cm)

**WEIGHT:** 6 oz (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

## ENVIRONMENT

### OPERATING TEMPERATURE:

- At 50% duty cycle: -31°F to +150°F (-35°C to +65°C)
- At 100% duty cycle: -31°F to +115°F (-35°C to +45°C)

**OPERATING HUMIDITY:** 0% to 95% non-condensing

**PROTECTION FROM ENVIRONMENT:** Use protective housing if keypad is exposed to rain, snow, or vandalism

## CERTIFICATION

ISO 9001:2000, FCC Part 15, IC, RoHS compliant

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