

MEET THE ALL NEW

XM-700

uAccess by **AWID**



FAST. CONVENIENT. RELIABLE.

ACCESS REDEFINED

IT'S A FAST-PACED WORLD OUT THERE – YOUR TIME IS VALUABLE AND WE'RE LISTENING.

AWID's **XM-700** 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 and tags:**
Same cards for vehicles and people
- **Quick access at busy entrances:**
Read range 5 to 7 feet
- **Easy mounting:** *Fastens on electrical box or wall*
- **Easy wiring for power and data:**
Connects like a proximity reader
- **Combines car and personal access:**
Interfaces to common access control
- **Reader needs no programming:**
XM-700 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, compact dimensions



BUILDING OR PARKING ACCESS

INSTALLATION

The XM-700 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 XM-700 reader can be interfaced for a wide variety of access control, special system control, and user identification applications.

OPERATION

The XM-700 reader's read range is 5 to 7 feet, while mounting the unit directly on metal slightly reduces the read range. Presenting any AWID UHF card to the reader causes the beeper to sound and the LED to change color.

CREDENTIALS

The hand-held cards and keytag for the XM-700 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.

ACCESSORIES AND SUPPLIES

MOUNTING HARDWARE:

Screws for single-gang electrical utility box are supplied with the XM-700 reader.

POWER SUPPLY:

The XM-700 reader operates with voltage between +9 volts and +12 volts DC. An external DC power supply (nominal +12 volts, 1 ampere, regulated output) must 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.

OPERATING CHARACTERISTICS

READING DISTANCE:

- 5 to 7 feet

FREQUENCY BAND:

- 902 to 928 MHz
- Frequency-hopping technology

POWER SUPPLY:

- +9 to +12 volts DC supply; rated 1.0 ampere or more; regulated DC output

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: 5.5" x 5.5" x 1.125"

WEIGHT: 15.2 oz (431 grams)

MATERIAL (COLOR): ABS 1-part enclosure, gray

CABLE (INTEGRATED WITH READER):

- 10 conductors, 18 inches long
- Overall shielded, gray plastic jacket

MOUNTING:

- On wall or single-gang utility box with supplied metal back plate

ENVIRONMENT

OPERATING TEMPERATURE:

- -31°F to +150°F (-35°C to +65°C)

OPERATING HUMIDITY: 0% to 95% non-condensing

CERTIFICATION

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

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