AWID

The RFID with Best ROI™

CREDENTIALS FOR PROXIMITY READERS

CS-AWID-0-0 Clamshell-Type Card

- Rugged white card -- held by hand, clip or chain
- Molded base – stippled finish, beveled edges
- Includes slot for strap or chain – "portrait" orientation
- Accepts adhesive or laminated photo ID overlay
- Custom graphics available – logo, multi-color art, text

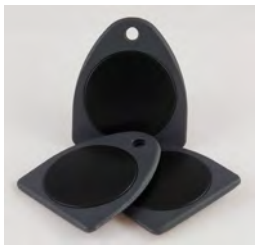
GR-AWID-0-0 Graphics-Quality Card

- Compliant with ISO and ABA standards for size & finish
- White matte finish for high-quality printing on both sides
- Ready for standard photo ID card printers, both sides
- Capable of slot punching for "portrait" or "landscape"
- Custom graphics available – logo, multi-color art, text

GRMAG-AWID-0-0 Graphics Card with Magnetic Stripe

- Includes ½ inch magnetic stripe – embedded & coated
- High-coercivity material for secure programming
- Other coercivity levels available for magnetic stripe
- Customer programs magnetic stripe's code
- 3 uses – prox access, mag stripe data, and ID badge

KT-AWID-G-0 Keytag



- Small, triangular shape, gray color
- For key ring or keychain, or holding in fingers
- Read range close to range with a proximity card
- Keytag may be carried underwater for pool gates
- ABS plastic material for endurance and long life

HT-CUSTOM-0-0 Hangtag

- Rugged white laminated tag with hook for hanging
- Hangs conveniently on post of auto's rearview mirror
- Dual function – visible ID and physical access
- Present tag by hand to reader beside vehicle lane
- Custom graphics available – logo, art, ID number, text

PW-AWID-0-0 Proximity Wafer

- Small, thin, circular, white PVC disk – self-adhesive
- Turns any plastic photo ID badge into a proximity card
- … or a card with other technology into a dual-tech card
- … or a non-metal hand-held device into a proximity card
- Reads inside key fob and inside remote control device

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Credential	*Voltage Applied to Reader (+DC)*	SR-2400	MM-6800, SP-6820, KP-6840	MR-1824, MR-1824HiLo	MR-1824MC, MR-1824HiLoMC
CS-AWID-0-0	*12 volts*	5.5 in (14 cm)	8 in (20 cm)	24 in (60 cm)	16 in (40 cm)
	5 volts	4 in (10 cm)	6 in (15 cm)	18 in (45 cm)	12 in (30 cm)
GR-AWID-0-0	*12 volts*	5.5 in (14 cm)	8 in (20 cm)	22 in (55 cm)	14 in (35 cm)
	5 volts	4 in (10 cm)	6 in (15 cm)	16 in (40 cm)	10 in (25 cm)
GRMAG-AWID-0-0	*12 volts*	5.5 in (14 cm)	8 in (20 cm)	22 in (55 cm)	14 in (35 cm)
	5 volts	4 in (10 cm)	6 in (15 cm)	16 in (40 cm)	10 in (25 cm)
KT-AWID-0-0	*12 volts*	4 in (10 cm)	6 in (15 cm)	19 in (48 cm)	12 in (30 cm)
	5 volts	3 in (7 cm)	5 in (12 cm)	14 in (35 cm)	9 in (22 cm)
HT-CUSTOM-0-0	*12 volts*	6 in (15 cm)	8 in (20 cm)	18 in (45 cm)	12 in (30 cm)
	5 volts	4 in (10 cm)	6 in (15 cm)	13 in (33 cm)	8 in (20 cm)
PW-AWID-0-0	*12 volts*	3 in (7 cm)	3.5 in (9 cm)	10 in (25 cm)	6 in (15 cm)
	5 volts	2.5 in (6 cm)	3 in (7 cm)	8 in (20 cm)	5 in (12 cm)

Read ranges are maximum reading distances for ideal conditions. Ranges vary with orientation of the credential, method of mounting the reader, use of a housing for the reader, voltage applied to threader, and presence of metal.

Reader Selection
- All of AWID's proximity credentials may be read by all of AWID's proximity readers.

Technology in Credentials
- LF (125 kHz) communications between proximity readers and credentials.
- Excitation frequency: 125 kHz, transmitting and receiving.
- Read repetition rate: 1 read for each presentation of the credential into the reader's RF field.

Encoding for Tags and Cards
- Code format types: Wiegand-type for general use; other types for proprietary formats.
- Code format options: Number of bits – between 26 and 50 bits total. Open code formats with 26 bits and 37 bits. Reserved facility codes in special 34-bit format.

Information Required in Purchase Order
- Product part number and quantity.
- Code format name (*nn*-bit-*fff*, where *nn* = total number of bits, and *fff* = 3 letters that designate AWID's format assignment).
- Facility code (also called site code and company code).
- Starting and ending numbers for sequential individual identification numbers for the credentials.

Environmental Conditions
- Operating temperature: -31 F to +150 F (-35 C to +65 C).
- Operating humidity: 0% to 95% non-condensing.
- Exposure to sunlight: Remove credentials from direct exposure to bright sunlight in a hot environment. Do not leave cards and wafers inside vehicles in hot weather.

Size of Credentials

Tag or Card	Width	Height	Thickness
CS-AWID-0-0	3.375 in (85.7 mm)	2.125 in (54.0 mm)	0.075 in (1.9 mm)
GR-AWID-0-0	3.375 in (85.7 mm)	2.125 in (54.0 mm)	0.031 in (0.8 mm)
GRMAG-AWID-0-0	3.375 in (85.7 mm)	2.125 in (54.0 mm)	0.031 in (0.8 mm)
KT-AWID-0-0	1.38 in (35.0 mm)	1.57 in (39.9 mm)	0.220 in (5.6 mm)
PW-AWID-0-0	Diameter: 1.0 in (25.4 mm)		0.033 in (0.8 mm)

Slots and Holes
- CS-AWID: Contains a molded slot for clip-strap or ball-chain. Do not drill or punch clamshell cards.
- GR-AWID and GRMAG-AWID: May be punched or drilled only at the precise locations shown on the printed instructions that are included in the shipment.
- KT-AWID, HT-CUSTOM and PW-AWID Do not drill or punch anywhere.

Applications
- CS-AWID, GR-AWID and GRMAG-AWID: Presentation by hand to the reader.
- KT-AWID: Attachment to a key ring or keychain.
- HT-CUSTOM: Hanging on a mirror's post, and presentation by hand to the reader.
- PW-AWID: Adhering to a card (usually not proximity) or to a non-metal device.

Options and Accessories
- Photo ID badge printing – User may use a standard dye-sublimation card printer for CS, GR and GRMAG cards.
- Custom graphics – AWID can supply all credentials except KT-AWID with logo, multi-color art, and text.
- Card pouches, straps, slot punches, etc. – Contact card supply houses.

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