Insertion Card Readers

Insertion Magnetic Stripe Card Reader • 544
Insertion Card Reader with Keypad • 584

▶ Weatherproof housing design in an insertion-style
reader or keypad for increased security
▶ Connects to access control systems with Wiegand or
Clock-and-Data interface formats
▶ Reads security badges and time-and-attendance
badges
▶ Read head assembly is adjustable to track location
1, 2, or 3
▶ Mounts on standard electrical boxes or wall

ACCESS affordability.

HID

The Dorado 544 is a proven performer installed at thousands of sites worldwide. From security access to process control applications, the Dorado 544 is the reader for projects when security cannot be compromised but where cost is an issue. The Dorado 544 is capable of reading tracks 1, 2, 3 and provides Wiegand 26-bit, 34-bit, all bits Wiegand, and Clock-and-Data outputs.

Dual-Technology readers - For the client who is migrating from magnetic stripe to the convenience of proximity, Dorado offers a unique reader that can process both types of cards in one unit. This allows the client to manage the greatest cost of conversion by eliminating rebadging the card population.

The Dorado 584 utilizes the same function and format as the 544 with the addition of a keypad. This feature provides an additional layer of security by linking the card to the assigned card holder. The keypad housing is weatherproofed for outdoor installations.

Both readers feature upward insertion from the bottom of the case to minimize the effects of dust, water, debris, and vandalism. They are available in either black or white with a bicolor LED (red/green) to indicate card read status.

The Dorado magentic stripe security card is a low-cost token that can double as a photo identification badge by using a dye sublimation direct print version of the card. The cards can be triple encoded on separate tracks to allow use of the security cards for cafeteria, vending, or parking check-out. This feature will permit different expiration dates to be assigned for unrelated transactions. Card encoding and photo ID badging can be done at the customer's site or at the local dealer's facility when volume may not justify the cost of purchasing the encoding devices.

Data Tracks	Track 1, 2 & 3; high or low coercivity; 75 BPI
Card Size	CR80 2.125" x 3.375" x.030" +/-.003" (54.0mm x 85.7mm x.762mm +/-.07mm)
Card Speed	5 to 30 inches (203 to 1270mm) per second
Keypad	Telephone arrangement outputting 8-bit burst
Data Rate	1ms per bit
Approvals	UL 294 Access Control; FCC Part 15, CE
Outline	4.56" x 3.00" x 1.14" 115mm x 76mm x 29mm
Connections	Plug-in with 8" (200mm) pigtail cable
Cable	60m (200') on six #22 unshielded wires 150m (500') on six #18 unshielded wires
Output Formats	26 or 34-bit Wiegand, all bits Wiegand, and Clock-and-Data
Power	4.75 to 5.25VDC @ 35mA
Mounting	Single-width handy box or directly on vertical surface
Lifetime	250,000 wear cycles. MTBF 22,000 hours
Error Rate	5% false reject 2x10-6 false accept
Static Discharge	Withstands 20,000 volts
LED	Red, Green
Material	GE Lexan (polycarbonate) in white or black
Temperature	-31° to 150° F (-35° to 66° C) operating
Humidity	5 to 95%, noncondensing
Environment	Indoor or outdoor; fully weatherproof housing

		Output Format
Card Format	EMPI ANSI/ABA	26 or 34-bit Wiegand All bits Wiegand or Clock-and-Data up to 37 characters
10 Digit ANSI/ABA*	26 or 34-bit Wiegand	

* First five digits are site code, last five are card number
Product Compatability

Product Compatability

Dorado 544 and 584 readers are compatible with mainstream access control panels that accept Wiegand or Clock-and-Data input and have the ability to read track 1, 2 or 3 with a Wiegand output.

ID Card Compatibility

Dorado 544 and 584 readers are compatible with magnetic stripe cards encoded with the ANSI/ABA format or with HID's EMPI format, reading either track 1, 2, or 3. ANSI/ABA refers to the bank card encoding format commonly used for access, while EMPI is HID's secure coding format.

Warranty

27-month limited warranty covering parts and labor. Magnetic stripe reader heads are not covered under this warranty; for complete details, please see HID's Sales Policy.

How to Order

Dorado 544W
Insertion Magnetic Stripe Card Reader
Color: White
Part Number: 3110-5440

Dorado 544B
Insertion Magnetic Stripe Card Reader
Color: Black
Part Number: 3110-5441

Dorado 584W
Insertion Card Reader with Keypad
Color: White
Part Number: 3110-5840

Dorado 584B
Insertion Card Reader with Keypad
Color: Black
Part Number: 3110-5841

For complete details, please see HID's How to Order Guide found at www.hidcorp.com/products/product-ordering-guide.html.

HID

ACCESS experience.

http://www.asi.ind.in