

# HF500 & HF100

**COTAG<sup>®</sup> FROM INDALA—A NEW GENERATION OF PATENTED HANDS-FREE RADIO FREQUENCY IDENTIFICATION (RFID) TECHNOLOGY OFFERING UNPARALLELED USER CONVENIENCE AND SECURITY.**

## **Hands-Free and proximity are not the same!**

In a true Hands-Free application, the access transaction requires no effort. Access is validated as the user approaches the door, even with the card remaining in a pocket or bag. If the cardholder is required to use the card as an ID badge for visual identification, it may be carried in any of the normal positions—lapel, belt, or around the neck—and automatically read at a control point without any conscious user action.

## **Overall security is further enhanced through the use of secure formats.**

Readers and cards/tags must be identically programmed with the same secure format or access will be denied.

When used with Cotag Hands-Free cards and tags, the up to 40 inches (one meter) of read range of the HF500 (interior use) and HF100 (exterior use) reader will deliver unrivalled performance to speed the flow of personnel through controlled access doors or into parking facilities. The HF500/HF100 can:

## **APPLICATIONS**



- Provide Hands-Free access at entrances to **hospital operating rooms, emergency rooms, or other areas** where Hands-Free access provides convenience while meeting stringent security requirements.



- Provide Hands-Free entrance to **“clean rooms” or other areas within manufacturing facilities** where users have limited use of their hands due to cleanliness requirements.



- Use to **automate entrance to parking lots/garages** to provide users with convenient yet secure entry.

**THE COTAG FROM INDALA HANDS-FREE HF500 (INTERIOR) AND HF100 (EXTERIOR) READERS ARE UNIQUELY SUITED FOR APPLICATIONS THAT REQUIRE A READ RANGE OF UP TO 40 INCHES (ONE METER). THE READERS ARE COMPATIBLE WITH ALL COTAG TECHNOLOGY ACTIVE CARDS AND TAGS INCLUDING THE 911 ACTIVE KEYRING AND THE 928 HANDS-FREE CARD PROGRAMMED IN THE SAME FORMAT.**

### THE READERS OFFER:

- A modern, stylish design to meet architectural standards. Ideal for wall-mounting, the HF500 (interior) reader can also be installed within a wall cavity with little or no reduction in read range.
- A straightforward set-up procedure and configuration process allows the system to be up and running with a minimum of effort. This saves time, money, and downtime.
- Popular, industry-standard interfaces provide for easy integration into third-party host systems.

## SPECIFICATIONS

	HF500	HF100
Product Description	CO-HF500	CO-HF100 Read Head (Must be purchased with 5311 Module)
Use	Indoor use only	Indoor or outdoor
Dimensions	10.43" H x 8.66" W x 1.15" D (265mm H x 220mm W x 29.3mm D)	10.43" H x 8.66" W x 1.15" D (265mm H x 220mm W x 29.3mm D)
Read Range	Approx. 40" (one meter) when used with Cotag Hands-Free active technology cards and tags	Approx. 40" (one meter) when used with Cotag Hands-Free active technology cards and tags
Input Voltage	10.8-15 VDC at reader	Read head only, receives power from electronics module (5311, 10.8-15 VDC)
Power Supply	12v or 24v (500mA peak with 12VDC) Power Supply	Read head only, receives power from electronics module (5311, 10.8-15 VDC)
Power Consumption	Up to 350mA Maximum	Up to 350mA Maximum
Operating Temperature	32° F to 122° F (0° C to +50° C)	-40° F to 158° F (-40° C to +70° C)
Environmental	IP54	IP55
LED Indicator	3 Separate LEDs	3 Separate LEDs
Audio Tone	On-board sounder with internal/external control	On-board sounder with external control (internal using 5311)
Output Formats	On-board, selectable interface library supports all popular data interfaces. Includes 26-bit Wiegand and custom formats.	On-board (5311), selectable interface library supports all popular data interfaces. Includes 26-bit Wiegand and custom formats.
Transmit Frequency	132 kHz (excitation)	132 kHz (excitation)
Receive Frequency	66 kHz	66 kHz
Approvals	CE, FCC, UL pending	CE, FCC, UL pending
Connection Information	5 conductor screened cable 492.13' (150 m)	5 conductor screened cable 492.13' (150 m) to 5311 + 984.26' (300 m) 5 conductor screened cable & 2 screened twisted pairs to HF100
Operating Humidity	90% non-condensing	90% non-condensing
Weight	1.54 lb (700 g)	1.48 lb (670 g)
Material	ABS Base and Clip	ABS Base and Clip
Other Features	Easy to install complete reader. Slim, modern design complements all working environments.	Easy to install read head with separate electronics module. Slim, modern design complements all working environments.
Color	Beige	Beige

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#### WARRANTY

Indala warrants this product against defects in material and workmanship under normal use and service. The lifetime warranty period commences with the date of shipment. See Warranty Statement for complete details.

Read range stated when readers installed according to instructions. Read range may vary when readers are mounted on or near metal. Specifications subject to change without notice. Indala reserves the right to discontinue any product without notice.

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