

Wireless Handheld Readers

Read credentials wherever access points are needed.

CYPRESS
INTEGRATION SOLUTIONS

- **Easily establish muster points outside buildings:** No reader cable; move muster points as needed
- **Flexible security:** Verify credentials at temporary entrances, parking lots, vehicle gates, remote sites, on shuttle buses, or add overflow access points during peak hours
- **Organization-wide value:** Track event/training attendance, volunteer hours, and meal credits
- **Simple and secure:** No special software or hardware integration; encrypted wireless connection; no credentials stored on reader
- **System verification:** Credentials validated by access controller; reader's LEDs display positive / negative acknowledgements
- **Ready to use:** Handheld readers & base unit paired at factory



**U.S. TECH
SUPPORT**



Which HHR Reader kit is **best** for your application?

	Single-Lane Reader Kits	Part Number	Dual-Lane Reader Kits	Part Number
Kit with 1 Reader		HHR-416XB		HHR-415XB
Kit with 2 Readers		HHR-426XB		HHR-425XB
Kit with 3 Readers	Note: With 3-reader kits, 2 readers may be used simultaneously; the third reader is a spare.			HHR-435XB

Optional wireless repeaters (RPT-8651) are available to add distance and bypass obstacles

TECHNICAL DETAILS

- Outdoor Range: 500 ft. (line of sight), optional wireless repeaters available
- 2.4GHz frequency; IEEE 802.15.4 protocol (point-to-point, not Wi-Fi)
- Wireless connection is encrypted between wireless reader and base unit
- Supports both 125KHz LF and 13.56MHz HF credentials
- Battery Life: 8 hours of continuous use, 4 hour recharge
- IP 65 rating for Handheld Reader and Base Unit

CREDENTIAL TECHNOLOGIES

- HID iCLASS® Standard/SE/SR/Seos
- Secure Identity Object® (SIO®)
- MIFARE® Classic
- MIFARE DESFire® EV1, EV2, and EV3
- PIV (contact Cypress)
- HID Prox
- AWID Prox
- Pyramid Prox
- Indala Prox
- For other credentials, contact Cypress

KITS INCLUDE



HHR Reader(s), Gray or White



Protective Boot(s) for Reader



Base Unit



Charging Dock(s), Gray or White



Wall-Plug Charger(s)