

NFC Access Control



Description

Eyrus Access Control Unit is the main hardware component used to control entry and exiting at gates, turnstiles, and door locking mechanisms. The unit connects to up to two touch pads to read Eyrus NFC Cards sending scanned information to the Eyrus platform to manage access based on certifications and/or time, and maintains local storage for fast & offline processing.

Specifications

Communication Protocol	BLE, WLAN:802.11 a/b/g/n, Cellular 4G/LTE(optional), Ethernet
Power Source	100 – 240 VAC – 50/60hz
Cable	3-Prong U.S. Wall Adapter (NEMA 5-15 grounded)
Dimensions	9" x 11" x 5" (Main Unit) – 4.5" x 3" x 0.62" (touch point) – 3.35" x 2.09" (NFC Card)
Weight	2lbs
Ingress Protection	IP65+
NFC Standard	Tag type: ISO 14443-3A NXP Mifare Ultralight – NTAG213
Wi-Fi Security	WPA, WPA2, WEP
Read Behavior	Audible Sound when scanned, Light from Red to Green if access granted
Hardware Control	Relay Control, configurable normally open / normally closed

Safety Information

- ▶ All high voltage components are UL certified (UL62368-1 UL508) with a fused input.
- ▶ The Cellular Capable NFC Reader is suitable for outdoor all weather use, however it must be kept elevated and must not be submerged.
- ▶ Avoid exposing the reader plug or power receptacle to water by using a weatherproof cover in wet areas and ground fault circuit interrupters (GFCIs) to reduce the risk of electrical shock. If the readers are exposed to water, allow them to dry before use.