

Alarm.com Access Control Readers - Data Sheet

Alarm.com Access Control Readers (ADC-AC-ET10, ADC-AC-ET20, and ADC-AC-ET25) offer a modern aesthetic and a state-of-the-art feature set, including Proximity (125 kHz), MIFARE DESFire (13.56MHz), NFC, and Bluetooth. All readers are fully OSDP compliant and are enabled for OSDP Secure Channel.

Alarm.com Access Control readers also exclusively support mobile access credentials, allowing businesses to support their existing credentials while transitioning to encrypted smart credentials for improved security. For more information, see [Access Control Mobile Credentials](#).



Features

- Wiegand and OSDP compatible
 - OSDP verified from SIA
- Proximity credential support for legacy badges/fobs
- MIFARE DESFire EV2 smart credential support for encrypted badges/fobs

- Only compatible with Alarm.com and WaveLynx-branded EV2 smart credentials
- Required for Alarm.com's Mobile Access Credential support
- Compatible with Mercury and Aero Series hardware

Specifications

Feature	Details
Ingress Protection	IP55
RF Technologies	125 KHz, 13.56 MHz, NFC, Bluetooth Low Energy
Reads	MIFARE DESFire® EV1, EV2, EV3, LEAF, FSK and ASK proximity
Input power	5-16 VDC, 144 mA max (ET10), 169 mA max (ET20), 193 mA max (ET25)
Output	OSDP, Wiegand, accelerometer-based tamper detection
Read ranges	EV1: 1.2", EV2: 2.2", EV3: 1" (cards), 3"(keyfobs), 125 kHz up to 4"
Temperature	-31°F – 151°F (-35°C – 66°C)
Dimensions	5.1 x 1.7 x 0.7" (13.0 x 4.3 x 1.8 cm) (ET10), 5.1 x 3.3 x 0.7" (13.0 x 8.4 x 1.8 cm) (ET20 & ET25)
Operating Humidity	5 – 95% (non-condensing) RH
Weight	7 oz (ET10), 10 oz (ET20), 11.3 oz (ET25)
Country of Origin	USA
Weight	7 oz (ET10), 10 oz (ET20), 11.3 oz (ET25)
Certifications	FCC, IC, CE, UL 294, EN 302291, EN 301489, EN 300330, EN 50130-4, BIS IS 13252