



Overview

Acre's line of multi-technology access control readers offer a modern aesthetic and a state-of-the-art feature set.

Standard technologies include Proximity (125 kHz), Smart (13.56 MHz), NFC, and Bluetooth®, so that customers can set their migration path to secure credentials and ecosystems.

All Multi-Tech readers are fully OSDP™ compliant and are currently enabled for Secure Channel and remote firmware upgrades through OSDP Auto-Detect.

They communicate OSDP and Wiegand over the same wires to automatically detect and convert to OSDP Secure Channel protocol when the panel is upgraded. This eliminates the need to rewire or reconfigure the reader.

Key Features

- ✓ Multiple technologies in a single reader: Proximity, Smart, NFC & BLE
- ✓ OSDP Autodetect
- ✓ OSDP Secure Channel and remote firmware upgradability
- ✓ MIFARE DESFire® EV2 & EV3 support
- ✓ Multi-Tech Wiegand/OSDP readers work with MyPass Mobile Credentials
- ✓ LEAF credential support for secure, open, interoperability
- ✓ FSK and ASK legacy proximity credentials support for seamless transitions on Accelerometer-based tamper detection
- ✓ Tri-state LED light bar (red, green, amber) and audible beeper
- ✓ Accommodates indoor, outdoor installation environments



TECHNICAL DATA



FEATURES	AT10 MULLION MODEL	AT20 SINGLE GANG MODEL	AT25 KEYPAD MODEL
RF Technologies	Part Number	Part Number	Part Number
• 13.56MHz & Mobile	• AT10-6WS	• AT20-6WS	• AT25-6WS
• 125 kHz & 13.56MHz & Mobile	• AT10-7WS	• AT20-7WS	• AT25-7WS
Colors	Black (Standard) Custom by Request		
Current	105 mA average, 145 mA peak	120 mA average, 170 mA peak	145 mA average, 195 mA peak
Voltage	5-16 V DC		
Temp Range	UL tested -35° to 66°C and EN -40° to 70°C and 95% humidity Environmental Rating and state UL294 Suitable for Outdoor Use		
Read Range	Up to 4" (102 mm)		
Dimensions (L x W x H)	5.1" x 1.7" x 0.71" (130 x 43 x 18) mm	5.1" x 3.25" x 0.71" (130 x 83 x 18) mm	
Shipping Dimensions (L x W x H)	6" x 3" x 2" (152 x 76 x 51) mm	6" x 4" x 2" (152 x 102 x 51) mm	
Shipping Weight	7 oz	10 oz	11.3 oz
HS Code	8471.60.9030		
Security Level	Utilizes EAL6+ Cryptographic Module		
Country of Origin	USA		
Warranty	Lifetime		3 Years