# Acre Multi-Tech Readers

## 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 High Frequency HF (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 can support Secure Channel communication on compatible systems. Firmware upgrades can be easily delivered in the field via tokens from Acre Security. Verify with our sales forces for further details on credential and host system compatibility.

OSDP or Wiegand connectivity utilises the same data wires, making it easier to upgrade a reader in the field.

## Key Features

- Multiple technologies in a single reader: 13.56Mhz, NFC & BLE
- OSDP Autodetect
- OSDP Secure Channel and remote firmware upgradability
- ACT encoded credentials supported
- MIFARE DESFire® EV2 & EV3 support
- Multi-Tech Wiegand/ OSDP readers work with MyPass Mobile Credentials
- Acre supplied LEAF credential support available for secure, open, interoperability
- 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 |
| Colors | Black (Standard) | | |
| 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 | |

| PRODUCT NUMBER | PRODUCT DESCRIPTION |
|---|---|
| AT10-6WS-M | Mullion mt 13.56MHz + Bluetooth |
| AT10-6WS-W | Mullion mt 13.56MHz + Wallet |
| AT20-6WS-M | Single-Gang 13.56MHz + Bluetooth |
| AT20-6WS-W | Single-Gang 13.56MHz+ Wallet |
| AT25-6WS-M | KP Reader 13.56MHz+ Bluetooth |
| AT25-6WS-W | KP Reader 13.56MHz+ Wallet |