

# Omni Series

**All Weather Outdoor  
Multi-Tech Smart Reader Controllers**



The Omni standalone reader controller provides an all-in-one solution for door access. It's the ideal solution for installers seeking a single, versatile device that offers expanded capabilities with fewer components.

The Omni controller functions as an intercom, in addition to providing access control and visitor management. It integrates seamlessly with Cielo365, a cloud-based device and user management platform offering a wide range of modules such as visitor management, elevator control, and badging, creating a streamlined user experience. Also compatible with Armatura One.

Both the OmniAC30 and the OmniAC20 (multi-biometric reader controllers) offer versatility, making them among the most rugged and reliable door controllers available. Their combined palm and face authentication, along with the ability to read NFC, Bluetooth® Low Energy, low and high frequency RFID credentials, QR codes, and PINs, empowers users to secure assets and premises with precision, efficiency, and reliability – all from a single device.

Supports mobile credentials in Apple Wallet and Google Wallet



## AMT-OMNI AC20

### Slim Design & Mounting Options



The device's slim design with its backplate suits most architectural and interior designs. The Omni20 supports multiple mount types to meet most scenarios worldwide. Mounting accessories for speedgates are also available.



### IP66 Water & Dustproof Protection Rating

Certified IP66 water & dustproof rating ensures the readers can withstand dust, dirt, sand, and are resistant to strong winds and rain.



### Advanced Security

Secure communication: OSDP(V2.2) over RS485 communication between the device and access control panels. Using AES-128 encryption standards ensures the highest levels of data protection & security.



### Supports Multiple Card Types

Supports 125 kHz and 13.56 MHz frequency credentials. Supports various card types including EM, IC Card, HID® Prox, HID® iCLASS®, MIFARE® DESFire®, Seos® and FeliCa.



### Multi-Factor Authentication Capability

Offering credential options of palm, face, physical cards and QR codes. IC Card, DESFire®, \*HID® Prox, iCLASS®, Seos®, etc.

- \*Integrate advanced multiple biometric authentication methods such as palm and face.
- \*QR code scanning for visitors & employees.
- \*PIN code option.



### Video Intercom

The Omni20 & Omni30 supports video intercom suitable for most visitor scenarios. Two-way audio streaming with echo and noise cancellation lets you easily communicate with visitors.



### Installation Made Easy

Slim design & form factor makes this device easy to install. PoE option allows for minimal use of cabling and lowers the cost of installation. The Omni20 & Omni30 are suited for mullion-mount door installations or any flat surface mounting. Mounting accessories for speedgates are also available.



## AMT-OMNI AC30

### Modern Aesthetic Design



The build of the Omni20 & Omni30 blends a high quality metal enclosure with a tempered glass panel. The elegant design fits perfectly into any usage scenario and its sleek design brings a practical and reliable experience to users.



### Industry-Leading Design and User Experience

The Omni20 & Omni30 provides an improved user experience with a 2.4" high resolution touchscreen screen and intuitive UI design. Using our advanced algorithms, users can get the best verification experience. Palm authentication distance range: 7" - 15.7" (18cm - 40cm) Face authentication distance range: 15.7" - 47.2" (40cm - 120cm)



### Input Voltage

The device is compatible with 12V input voltage.



### Outdoor Rated for Variable Environments

IP66 Weatherproof rating - built to withstand freezing cold winters, heavy rains and dry/hot summers. -20°C to 60°C / -4°F - 140°F operating temperature enables operation even under the most severe weather conditions.



### Unrivaled Palm and Face Authentication Performance

ARMATURA's Multi-Biometric technology combines palm and face authentication with our unique deep learning algorithm to give users an efficient authentication experience. Industry-leading combination of visible and NIR infrared authentication technology provides exceptional authentication accuracy and the industry's top-notch anti-spoofing protection. ISO 19795-2 standard.



### Touchless Solution for New standards of the Post-pandemic World

The Omni20 & Omni30 meets the needs of the contactless world with features like remote user enrollment, palm, mask detection and face authentication for users with or without masks.

Our Palm/ Face/ Card/ QR code authentication technology supports contactless authentication.



### Better Images, Faster Authentication

This device supports palm/ face tracking, which can more intelligently capture the user's biometrics and avoid the user's biometric from continuing to be compared after verifying. At the same time, the palm/face AE function enables the device to obtain higher quality images which improves the authentication accuracy.