



CEM S3060 Portable Reader



Increased Flexibility

Authenticate cardholder details anywhere



Improved Operational Efficiency

Mustering, Occupancy, Roaming and Random Check functionality



Additional Security

Dual factor authentication through card swipe and visual confirmation of cardholder photograph with encrypted storage of up to 500,000 cardholders onboard



User Friendly Interface

Sleek interface for easy user interaction with intuitive settings for simplified configuration



Supports multiple card technologies

Mifare/DESFire CSN, CEM DESFire, HID iCLASS/iCLASS SE/SR/SEOS and HID 125KHz Proximity



Flexible Connectivity

Connect to AC 2000 over Wi-Fi or Ethernet when using the optional docking station (Dongle is supplied along with the docking station)

CEM S3060 portable reader

The CEM S3060 portable card reader is a rugged and lightweight handheld device designed for use with AC2000 access control and security management system. It can be used for ID card validation at temporary entrances or remote sites which have no power and can be used as a mobile device for random checks within pre-defined zones of large commercial sites. Other scenarios include construction sites, bus and train stations, airside/ landside boundaries, and random checks within large commercial sites.

Large full colour display

A large full colour sunlight readable touch screen provides a crisp and clear view of cardholder photographs for dual authentication, minimizing the threat of card sharing and enabling more effective verification of access rights in restricted areas.

High capacity database

Up to 500,000 encrypted cardholder IDs can be held in the reader's database. Transactional data is buffered and later passed to the AC2000 system via built in Wi-Fi connectivity which supports WPA2 encryption or via an Ethernet-capable docking station.

Remote Access Gate Control

This portable card reader assists in managing access at remote or temporary gates where fixed equipment are not available. Provides security at multiple locations. This means that, it can be used at construction sites or yards or temporary locations for access control and at conferences.

Transportation

Can administer group transportation such as field trips by using the S3060 reader for check in and check out management and attendee screening.

Roaming mode

A Roaming feature allows a single S3060 to perform card verification across multiple pre-defined zones or access levels by switching between virtual addresses. Security guards can use this feature to check access permissions across entire buildings or sites, changing virtual addresses as they roam.

Mustering mode

S3060 readers may be used as portable muster devices by managing emergency evacuation situations by taking the reader to a safe muster point, where cardholders swipe the reader with their card to confirm that they are no longer in danger. Details of remaining cardholders that have not swiped can be listed as a report on the S3060 display.

Occupancy mode

An Occupancy feature allows cardholder head counts to be performed in a defined area preventing card sharing. It also provides the ability to do spot checks on a set group of people in a defined area, e.g., a bus, ensuring maximum occupancy levels are not exceeded.

Random check mode

The S3060 also features Random Check Mode which instructs operators to perform random checks on cardholders. For example, the S3060 can be configured to prompt a guard to check a cardholder's personal protection equipment (PPE) for adherence to company policy, or an airport might use the search prompt to manage search ratios.

Industrial Traceability

The S3060 is a smart solution to the problem of securing static areas with no fixed wall barriers, gates or power, while also giving security personnel the flexibility to perform random security check throughout the site.

Portable accessories

The S3060 comes with a standard charging adaptor. A docking station with an Ethernet dongle and additional accessories such as the holster, screen protector and spare batteries are also available.

Specifications

Operational/ Functionality	
Processor	Octa Core @ 2.2 GHz Qualcomm SDM660
Memory	4 GB RAM 64 GB Flash
Operating System	Android 10
Card Technologies	MIFARE/ DESFire CSN, CEM DESFire, HID iCLASS/ iCLASS SE/SR/SEOS and HID 125HKz Proximity
Cardholder Database	Storage up to 500,000 encrypted cardholders
Transactions	Storage of up to 1,000,000 transactions in offline operation
Electrical	
Supply	3.85V
Battery	4000 mAh exchangeable battery (Supports Quick Charging)
Physical	
Dimensions	HF HID 210 mm x 79 mm x 17.2/28 mm (L x I x P)
Weight	310 grams including battery
Operating Temperature	Operational -20°C to +50°C
Storage Operating Temperature	Storage 20°C to +50°C
IP Rating	IP67
Drop Specification	Multiple drops from 1.2m Compliant with MIL-STD-810G
Screen	5.0" HD screen (1280x720) Capacitive touch panel
Communications	
WLAN	WiFi (2.4 GHz – 5 GHz) 802.11 a/b/g/n/ac
TCP/IP over USB/RJ45 adapter	Dongle
Regulatory	
Agency Certifications	EU: CE RED certification US: CB / UN 38.3
Environment	RoHS; WEEE
Software Requirements	
Software	AC2000 software V10.0 and higher

Ordering Information

Model Number	Description
RDR/306/008	S3060 Portable Card Reader HID Prox, Mifare/DESFire CSN, DESFire AES, iClass SE/SR/SEOS
MEE/306/004	Docking station for S3060 Portable Card Reader with Ethernet Adapter and additional battery charger Includes: charger, plug adapters for EU, UK and US, USB/RJ45 adapter dongle
MEE/306/008	Protective leather case for S3060 Portable Card Reader with RFID Logo
MEE/306/009	Synthetic holster for S3060 Portable Card Reader with belt loop and without clip
MEE/306/007	Extra battery 3.85V 4000 mAh for S3060 Portable Card Reader
MEE/306/006	UK plug adapter for S3060 Portable Card Reader
MEE/306/106	UK plug adapter for S3060 Portable Card Reader Docking Station

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