# KeyCard Systems

AMADEO INTEGRA inside

HOTEL KEYCARD SYSTEMS

### AMADEO SYSTEMS

AMADEO Systems is an innovative and dynamic company that combines experience, professionalism and creativity. Our core competence is the conception and delivery of innovative solutions in Access Control Systems.

### EXPERIENCED

Our competence has been successfully proven over the years in some of the most prominent and prestigious projects. Amongst our clients are some of the most renowned brands in the hotel and hospitality, fitness and leisure, health, education and commercial sectors.

### KEYCARD SYSTEM BRAND

AMADEO has launched a product brand, integrating selected products created by a leading third-party manufacturer. These products support quality engineering, big value for money and excellent AMADEO service. It is a wide spread enduser-oriented product range, which is only availabe for selected markets.
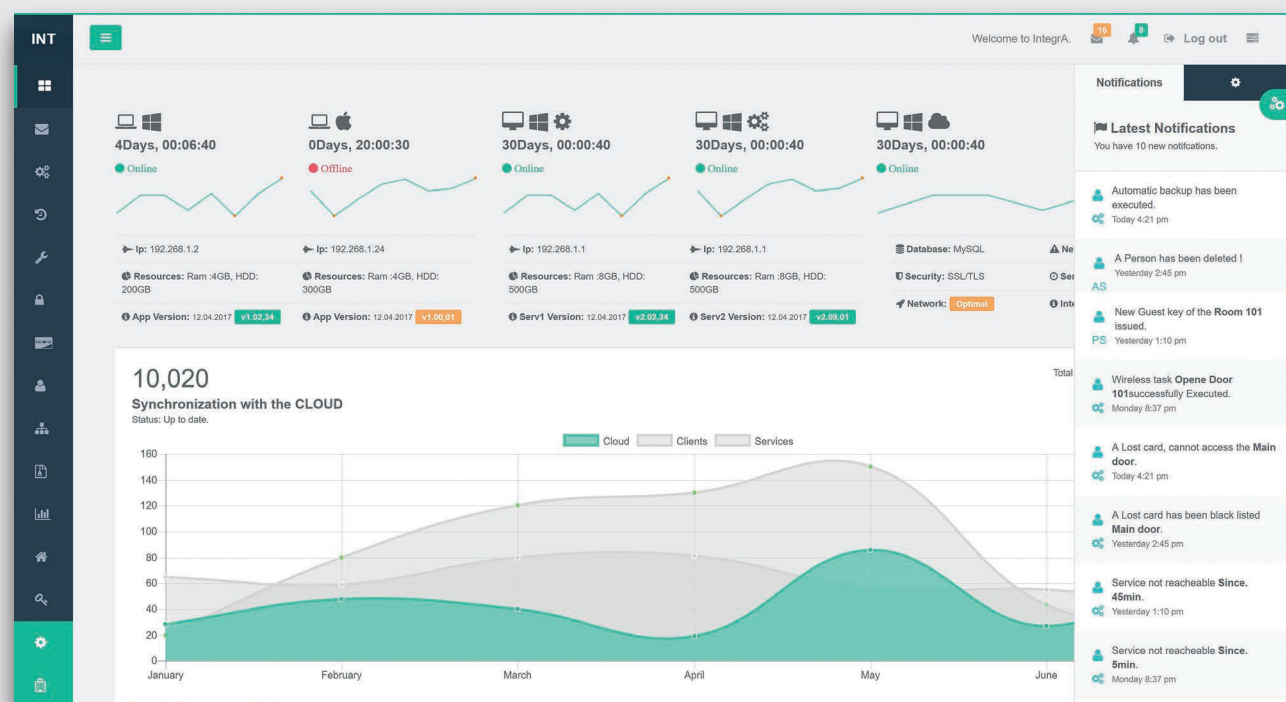
### SERVICE-ORIENTED

Thanks to our expansive distribution and service network, AMADEO maintains a world-wide presence. We offer our customers a comprehensive service through the entire product life cycle on all our products from initial contact up to the specification, the installation and the after sales service. Our customer support hotlines are at your disposal 24/7, 365 days a year — we are here for you!

# WHY CHOOSE KEYCARD SYSTEMS?



### BEST QUALITY

Guaranteed by using only the best materials and working to high Quality Management standards.

### BEST PRICE

Achieved by an accumulation of lean management, efficient processes, low overheads and perfect design.

### BEST PERFORMANCE

Fast deliveries due to modular design and customer service and product reliability due to extensive testing.

**SPLIT COVER DESIGN**

**STANDALONE ELECTRONIC DOOR LOCK FOR HOTELS**

**MIFARE TECHNOLOGY CLASSIC OR ULTRALIGHT**
Management by INTEGRA with optional AMADEO viral network

**INDIVIDUAL KEY SYSTEM**
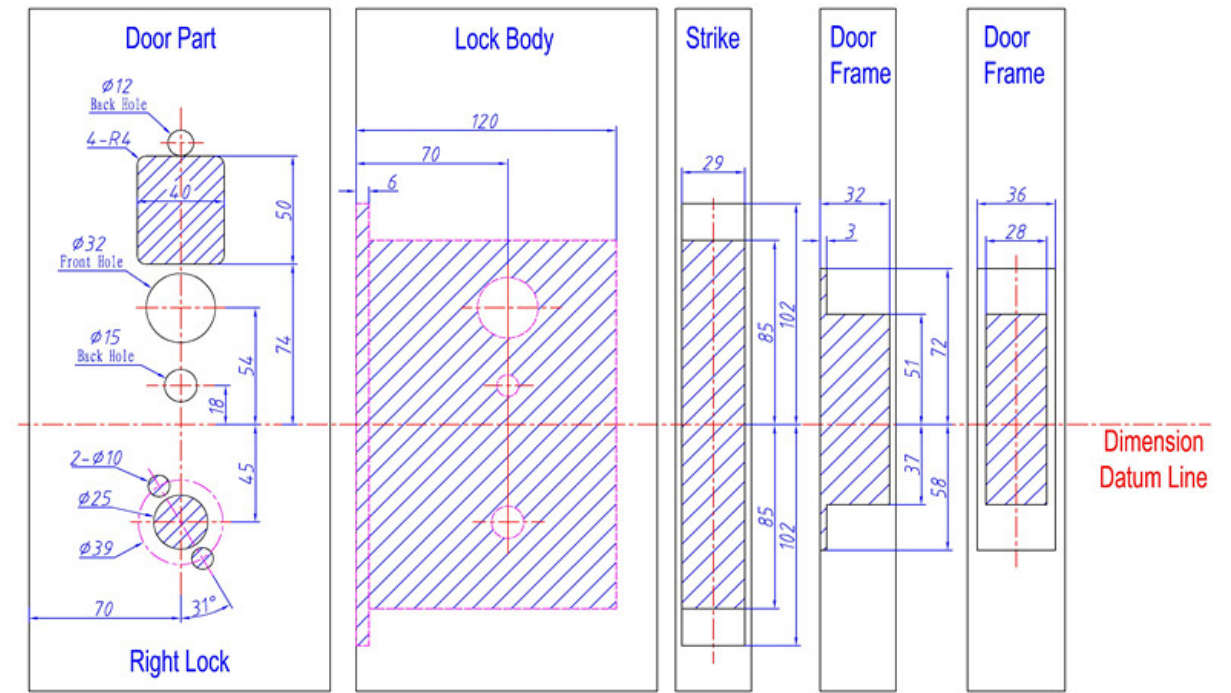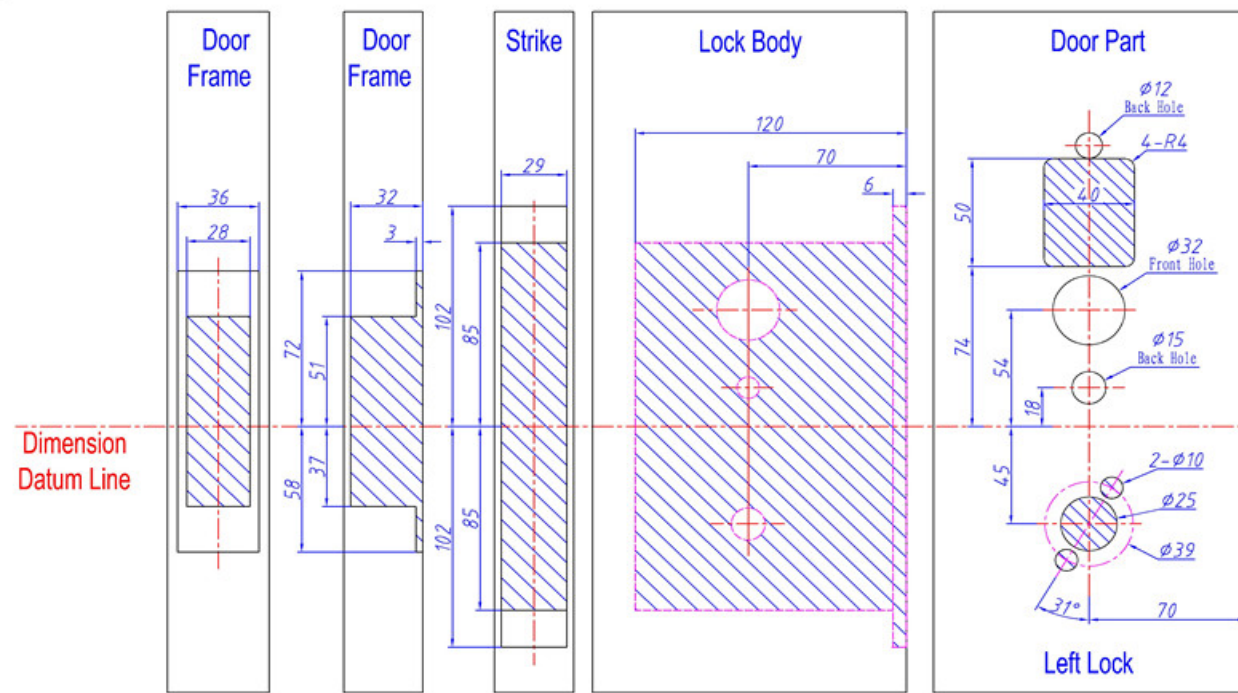Each lock has 2 mechanical keys, the 2 keys can only open one lock.
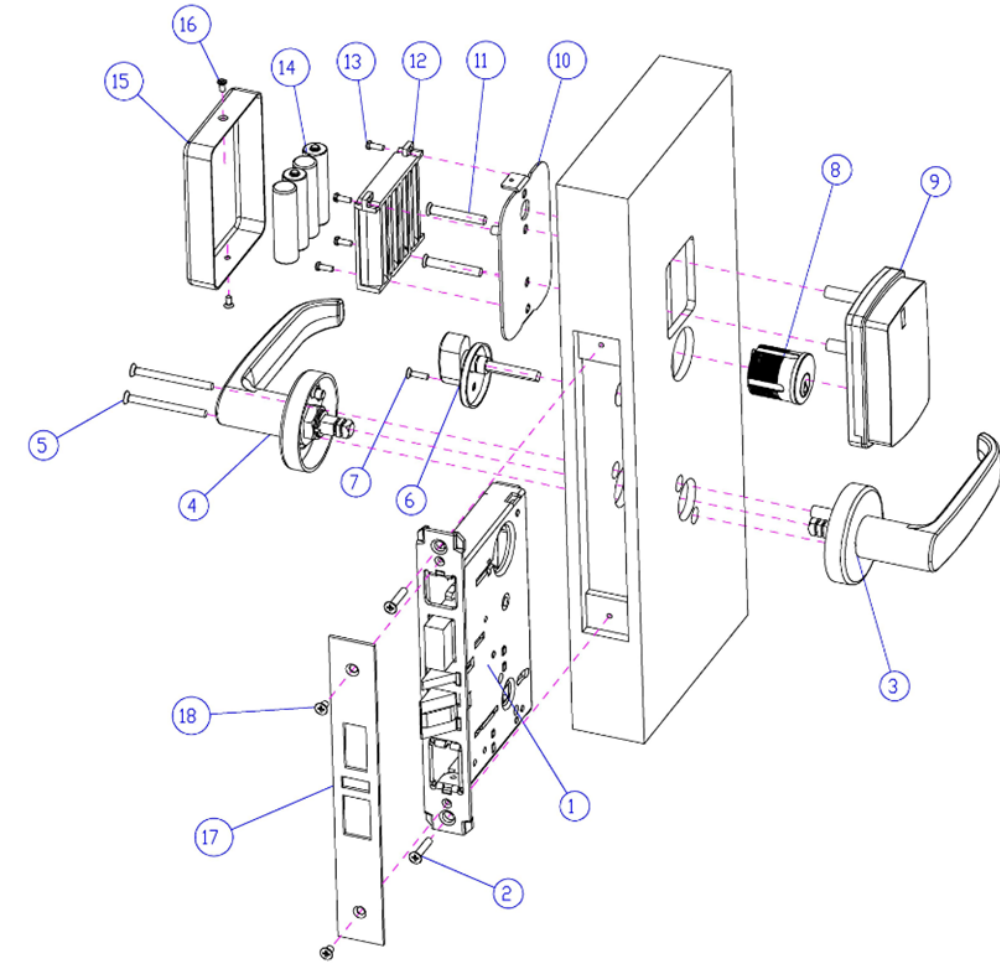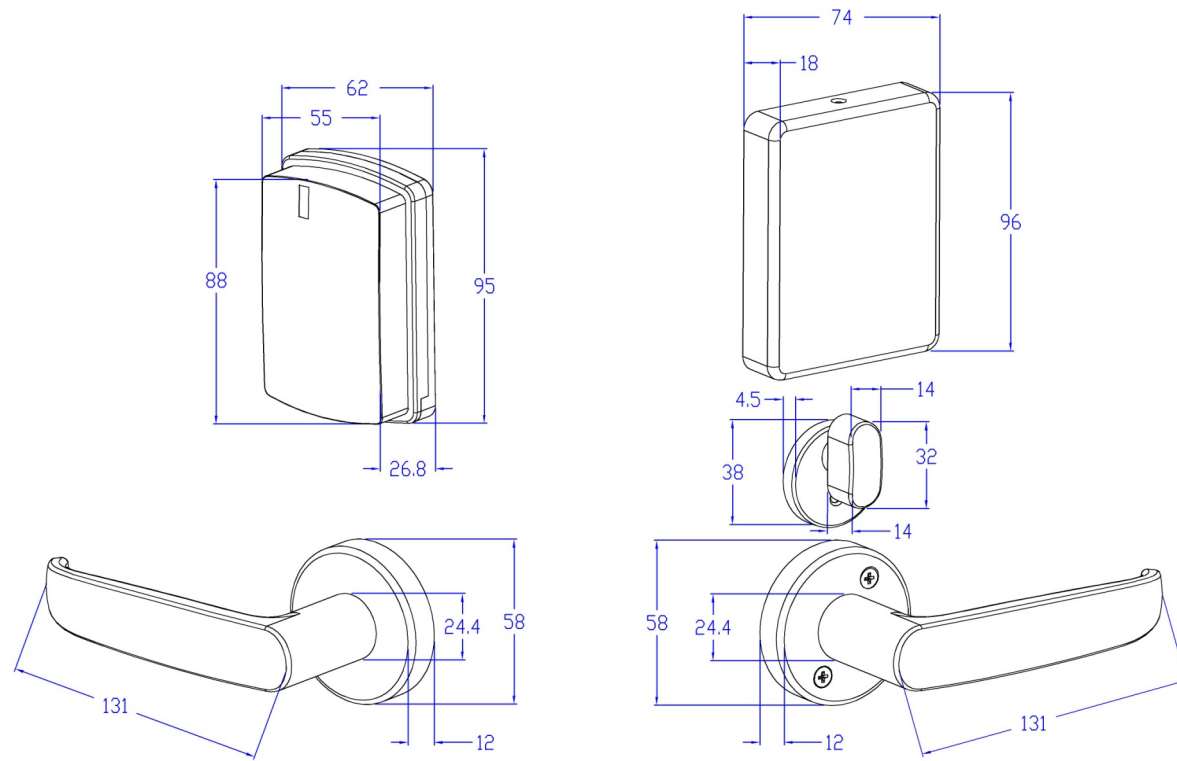
**DURABLE QUALITY**
Mortise with anti-card protection
800.000 cycles

| APPLICATION | HOTEL, RESORT, APPARTMENT |
|---|---|
| Material | 304 Stainless Steel, 2mm |
| Mortise | ANSI Standard mortise (DIN optional) |
| Keycard type | Mifare 1K |
| Power supply | 4x AA Alkaline batteries, 12-18 months duration |
| Working humidity | 20%-90% RH |
| Working temperature | -25°C - +60°C |
| Opening records | 200 openings stored in the lock |
| Door thickness | 32mm-55mm |
| Color optional | Stainless Steel or Gold (PVD) |
| Certificates | CE, FCC, ANSI/BHMA A156 UL |
| Key features | Split, sliding design, high sensitivity of the reader |

**Door Frame**

**Door Frame**

**Strike**

**Lock Body**

**Door Part**

Ø12 Back Hole
4-R4
Ø32 Front Hole
Ø15 Back Hole
2-Ø10
Ø25
Ø39

**Left Lock**

Dimension Datum Line

**Door Part**

Ø12 Back Hole
4-R4
Ø32 Front Hole
Ø15 Back Hole
2-Ø10
Ø25
Ø39

**Lock Body**

**Strike**

**Door Frame**

**Door Frame**

**Right Lock**

Dimension Datum Line

**FULL COVER DESIGN**

**STANDALONE ELECTRONIC DOOR LOCK FOR HOTELS**

**MIFARE TECHNOLOGY CLASSIC OR ULTRALIGHT**
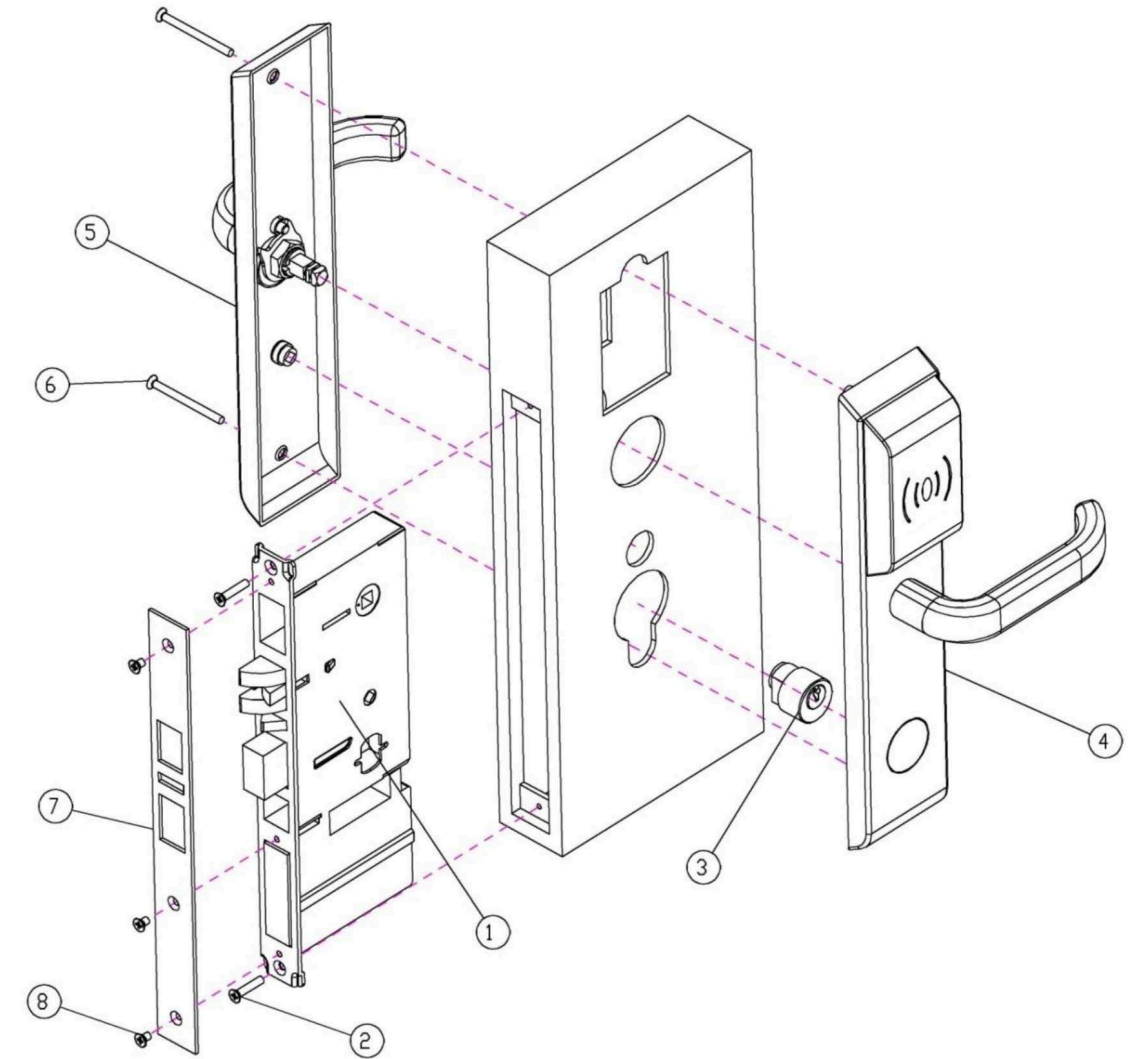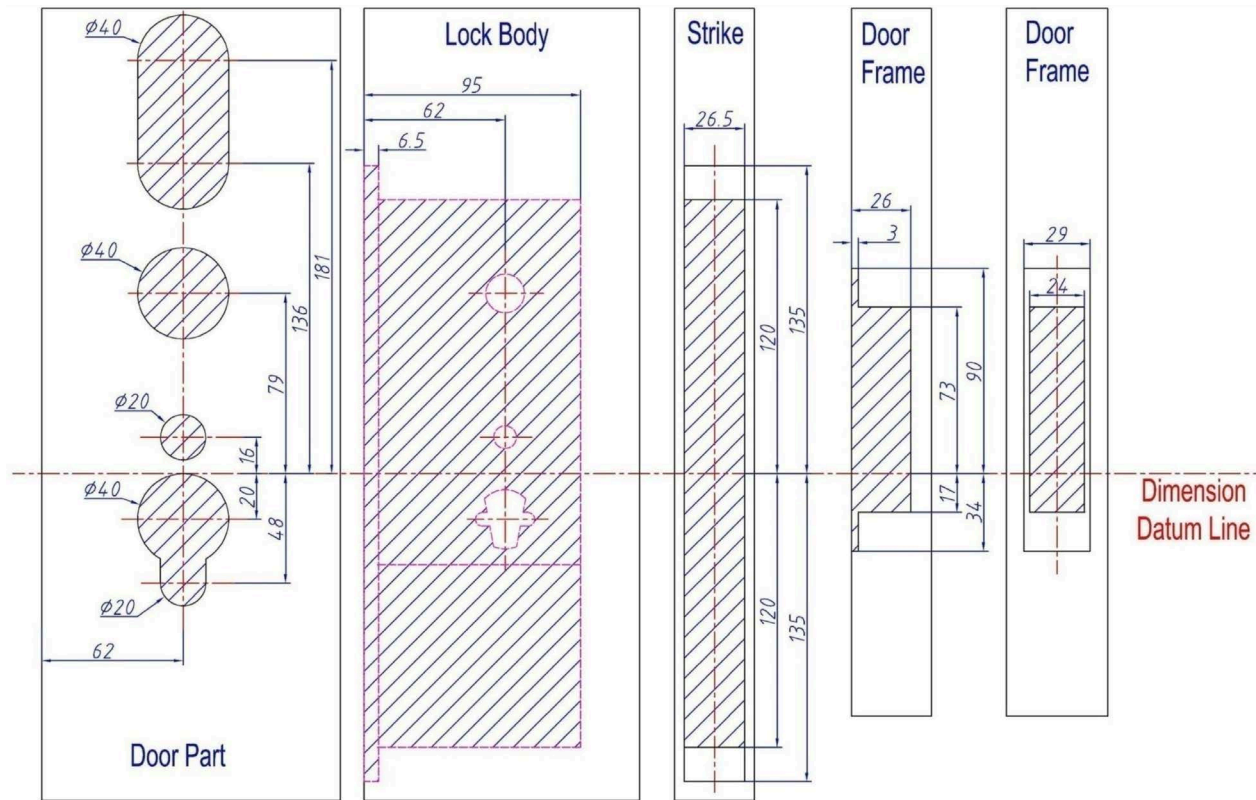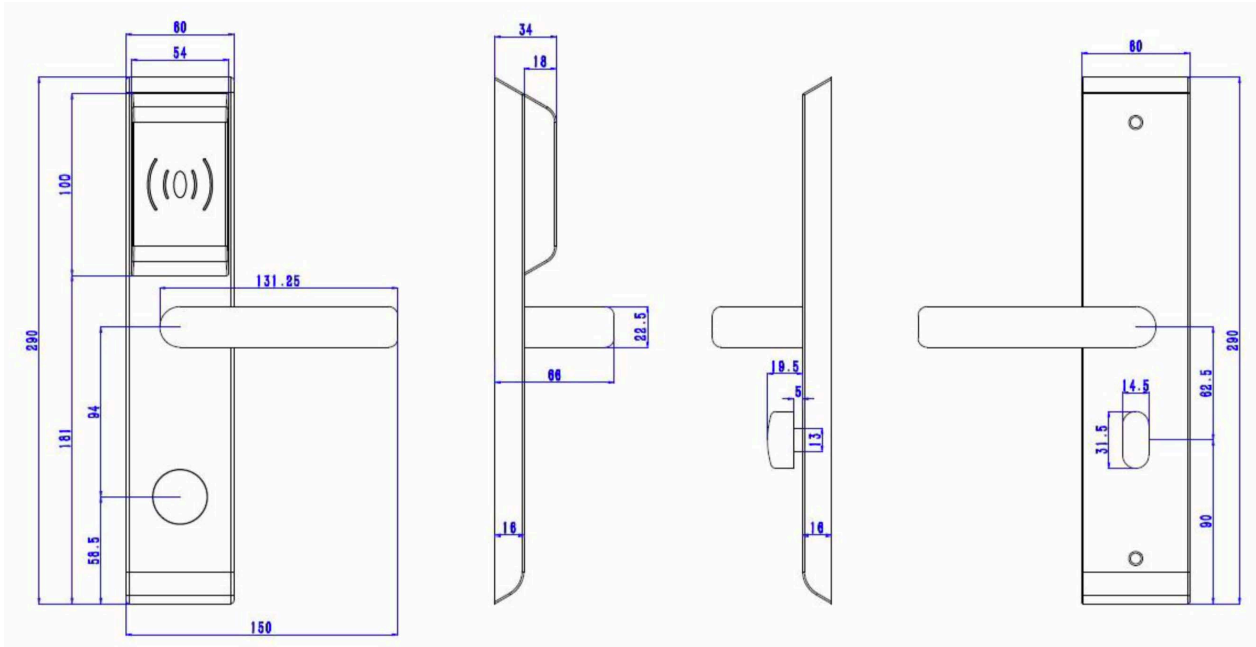Management by INTEGRA with optional AMADEO viral network

**INDIVIDUAL KEY SYSTEM**
Each lock has 2 mechanical keys, the 2 keys can only open one lock.

**DURABLE QUALITY**
Mortise with anti-card protection
800.000 cycles

Lock Body

Strike

Door Frame

Door Frame

Dimension Datum Line

Door Part

**SLIM COVER DESIGN**

**STANDALONE ELECTRONIC DOOR LOCK FOR HOTELS**

**MIFARE TECHNOLOGY CLASSIC OR ULTRALIGHT**
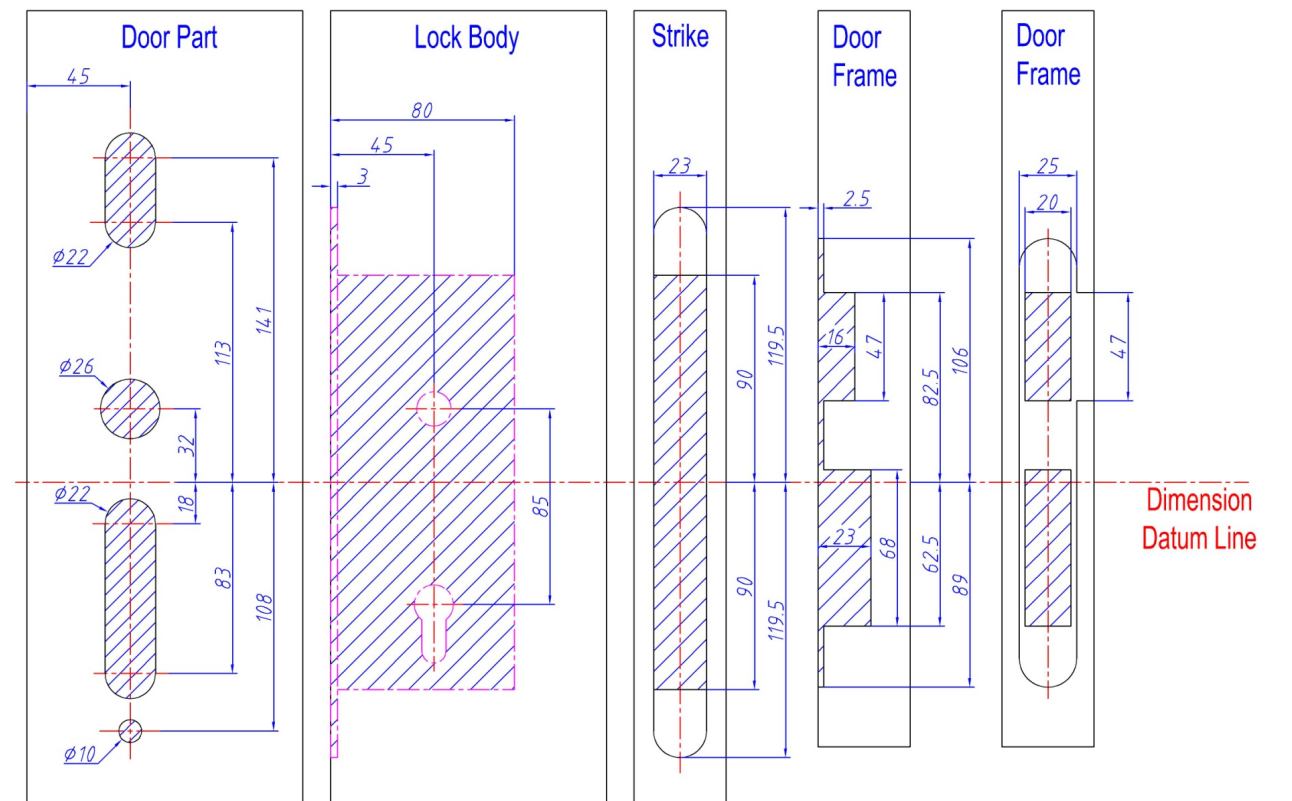Management by INTEGRA with optional AMADEO viral network
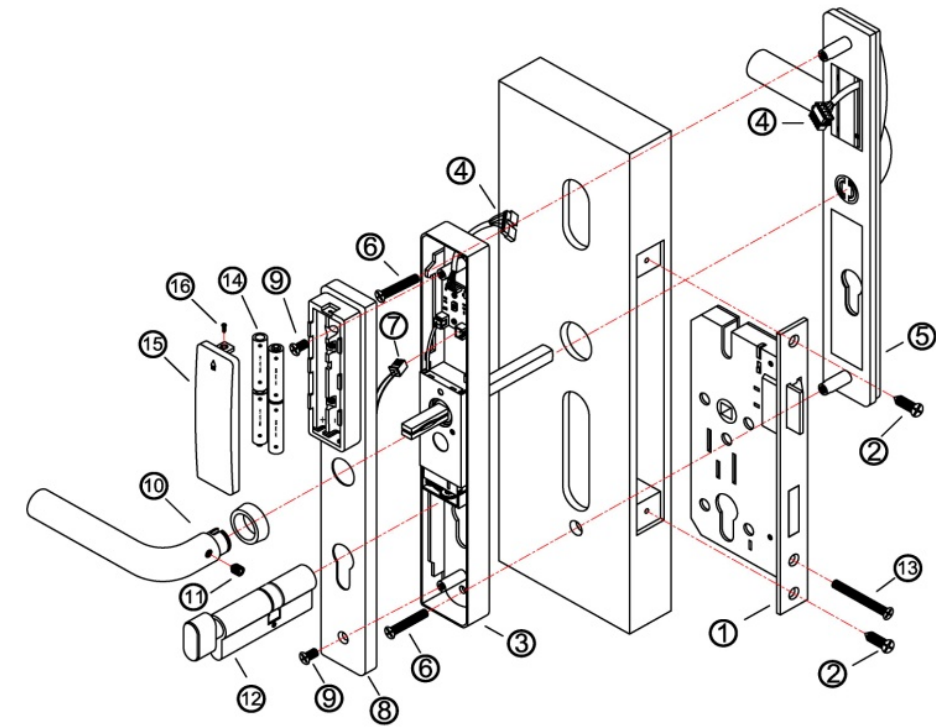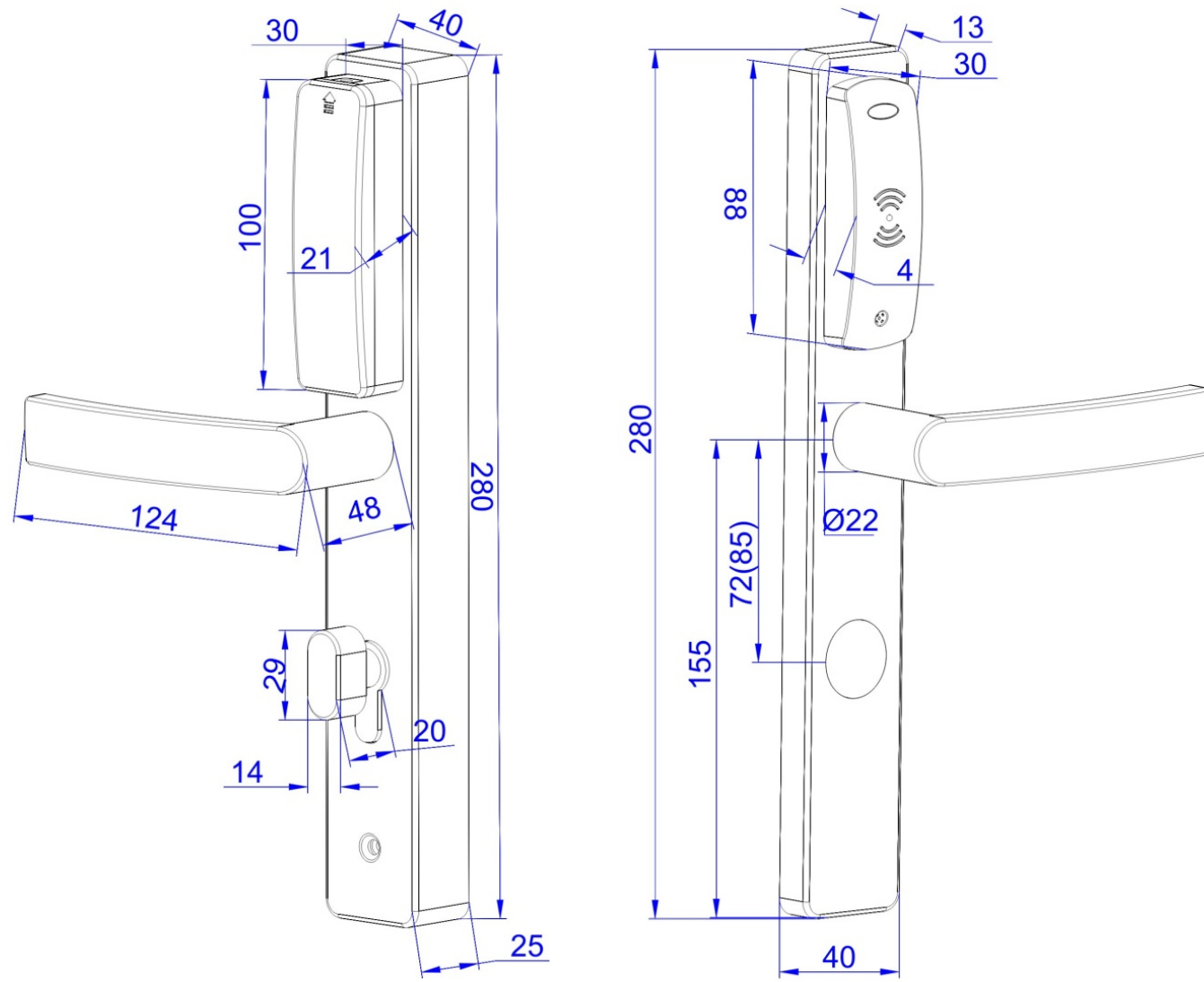
**INDIVIDUAL KEY SYSTEM**
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**DURABLE QUALITY**
Mortise with anti-card protection
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Door Part

Lock Body

Strike

Door Frame
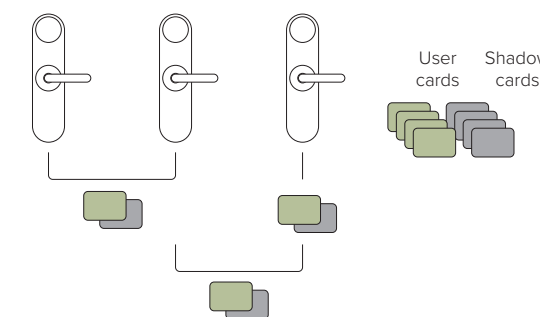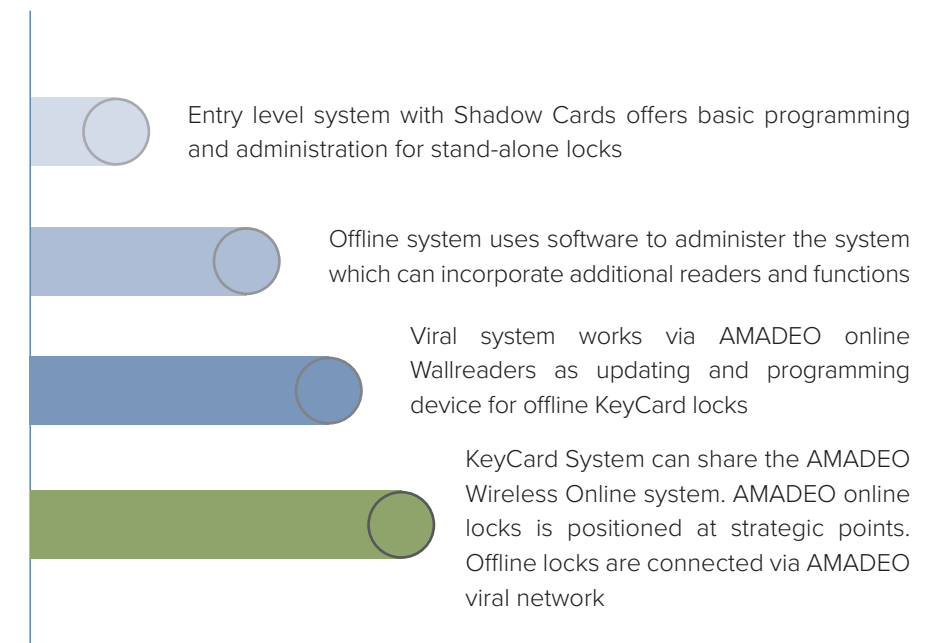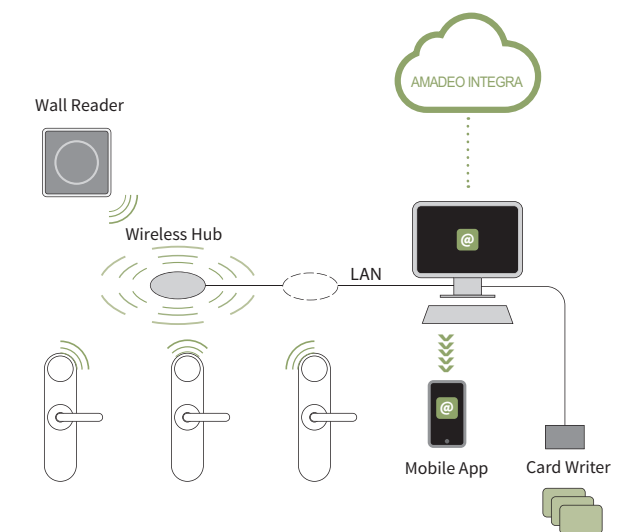
Door Frame

Dimension Datum Line

KeyCard Systems accesses the AMADEO INTEGRA platform to give you a scale of options according to need and budget. The flexibility of KeyCard locks allow you to start off with a simple Shadow Card system with the possibility to upgrade to the AMADEO viral network system or AMADEO online system at any time.

Entry level system with Shadow Cards offers basic programming and administration for stand-alone locks

Offline system uses software to administer the system which can incorporate additional readers and functions

Viral system works via AMADEO online Wallreaders as updating and programming device for offline KeyCard locks

KeyCard System can share the AMADEO Wireless Online system. AMADEO online locks is positioned at strategic points. Offline locks are connected via AMADEO viral network

User cards   Shadow cards

Wall Reader

Wireless Hub

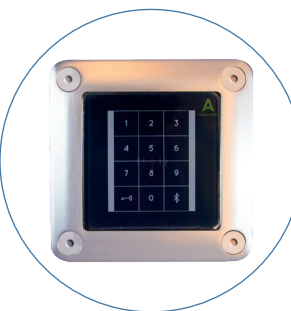AMADEO INTEGRA

LAN

Mobile App   Card Writer

KC.STA.01 - the stand-alone locks can be easily extended with the wireless or wired AMADEO devices; INTEGRA is managing both groups of products

Wireless Online system controlled through Cloud-based software

ACCESS
SPA

ACCESS
LOCKERS

GUEST
ACCESS

# A
## AMADEO
– SYSTEMS –

GARAGE
PARKING

STAFF
ACCESS

ELEVATOR
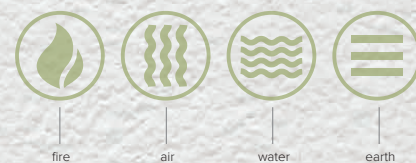ACCESS

ENERGY
SAVING

BUILDING
MANAGEMENT

AMADEO offers building administrators and facility managers much more than just security at individual doors. The AMADEO INTEGRA option and the use of additional hardware opens up a multitude of additional possibilities to provide a fully integrated approach to the management of your building or complex of buildings. It provides options to control additional facilities such as conference rooms, gym and spa, as well as giving guests immediate access to garage parking, entrances and lifts. For the building operator, it provides interfaces to control energy wastage in unocuppied rooms, control staff access and workforce time and attendance and other management functions.

**S50WRK01BS**
Wall Reader with integrated backlight

fire          air          water          earth

**ROOM CONTROL SYSTEM**
**S50WRK01BS.R302**
Including door bell function
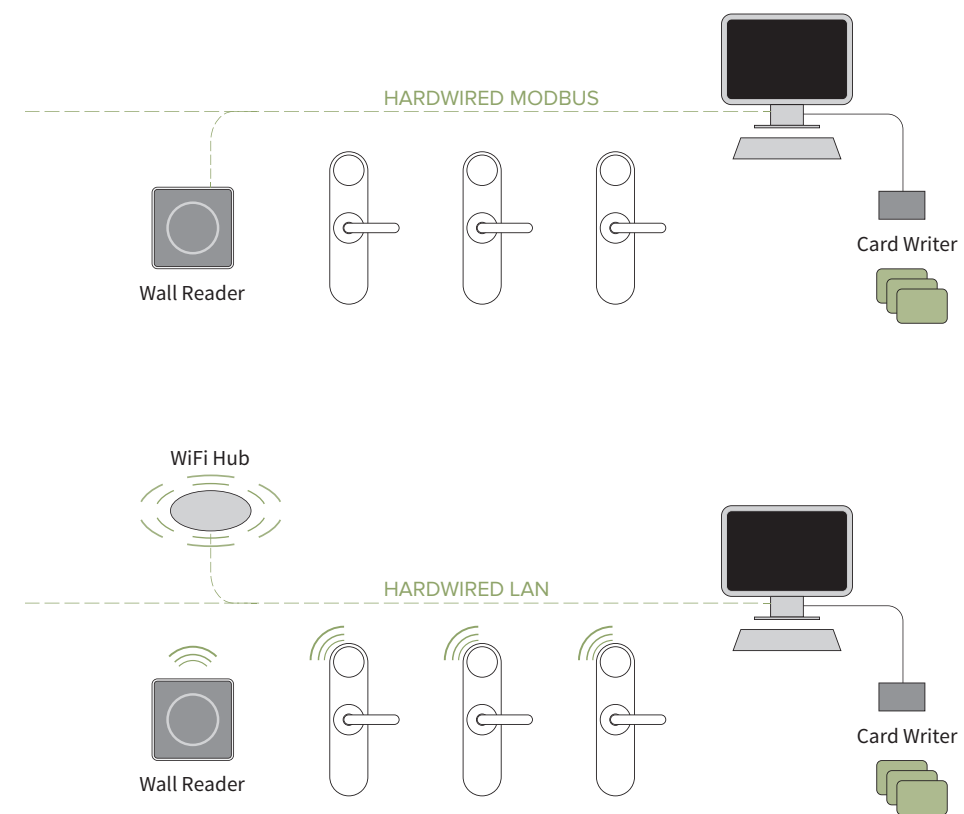
**WALL READER**
**S50WRK01WS**
White wall reader

**ANTI-VANDAL WALL READER**
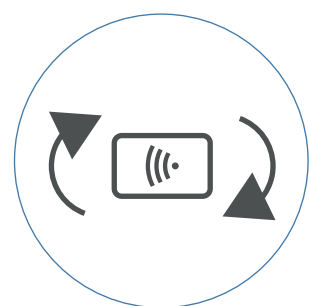**VRH.WRK01.SET**
Shock-resistant, anti-ligature

Use AMADEO Access Managers as part of an offline or online system at strategic locations to provide an added level of control to entrances, garages, car park barriers or internal doors. If an AMADEO viral network (AVN) is used, the Access Manager can act as an updating and programming device for offline locks.

**FEATURES**
RFID technology compatible with Mifare UL, Mifare Classic, Mifare Plus and Mifare DESfire, provide access to doors/gates/lifts or as card validation, wireless or hardwired versions available, in online mode, the Wall Reader can provide real-time control of Access Rights to all the doors in the building, backlit unit with clear feedback from colored LEDs, optional door bell function, RS485 ModBus with TCP/IP option, direct connection to motorized mortise lock or with 4 relays to electric strikes, auto doors, turnstiles, lifts and more, built into a standard switch housing and can be integrated into a wide range of standard intercoms and escape door equipment, available with silver or bronze metallic frame and black or white Makrolon face.

HARDWIRED MODBUS

Card Writer

Wall Reader

WiFi Hub
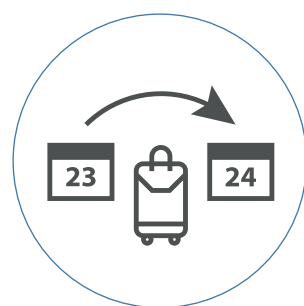
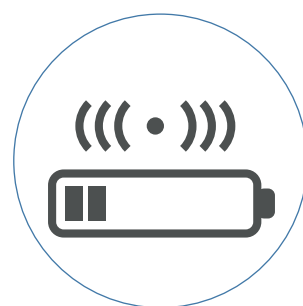HARDWIRED LAN

Card Writer

Wall Reader

**KEYCARD REPLACEMENT**
Send a 'Cancel Key' command to each KeyCard lock that operated with the previous keycard
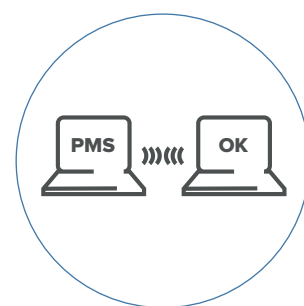
**EXTEND STAY**
Send a message to the KeyCard lock to update the initial and expiry date

**LOW BATTERY**
Low battery indication is sent to INTEGRA, which produces periodic reports and informs maintenance staff by email

**PMS INTEGRATION**
INTEGRA allows classic and state-of-the-art API integration with existing PMS for booking, facility management and MobileKeys

**KEYCARD SYSTEMS**

Under the brand KeyCard Systems, AMADEO offer an offline product line, which is integrated into the AMADEO INTEGRA system using selected products created by a leading third-party manufacturer. These products support quality engineering, big value for money and excellent AMADEO service. It is a wide spread enduser-oriented product range, which is only availabe for selected markets.

**AMADEO INTEGRA**

AMADEO INTEGRA is Cloud-based, AMADEO has over a decade of experience in this field. The AMADEO INTEGRA Cloud solution is a piece of the near future - how to manage your property 24/7, 365 days a year. With the new protocols, the communication between computers is now easier and safer than ever. Our system uses the latest SOAP protocols and our Cloud service offers a huge support, regardless of facility size - small, mid, large and very large facilities.

**WHAT ELSE CAN AMADEO CLOUD OFFER?**

AMADEO INTEGRA supports your management with the following advantages: push notifications at selected events, qualifies emails, remote open/close, door status monitoring, battery status monitoring, cancelling lost keys, validation/revalidation, anti-tamper, alarm signal as well as our patented AMADEO on-door check-in.

AMADEO INTEGRA

HOTELS

## AMADEO INTEGRA

KeyCard locks can be used in all types of hotels. AMADEO INTEGRA is available in different configurations to suit any type of application. INTEGRA can be installed on your own server or it can be hosted in the Cloud. It can be configured for use on a PC or mobile devices depending on how you want to administer the system. INTEGRA is exceptionally user-friendly and uses menus to perform all actions related to your KeyCard locks. With high-level encryption, the system is safe from external attacks and allows you to manage your system from anywhere in the world.
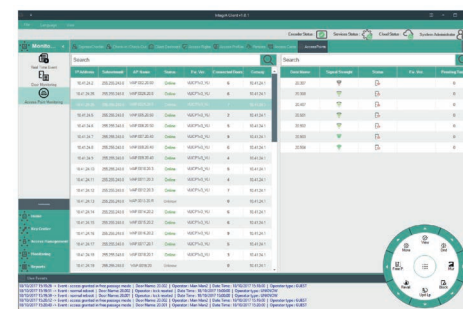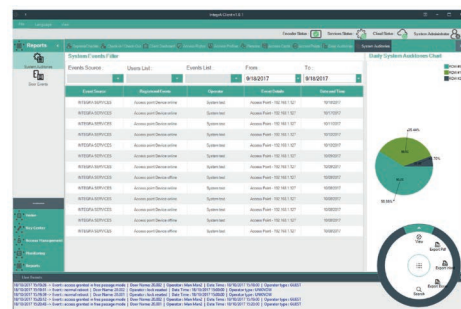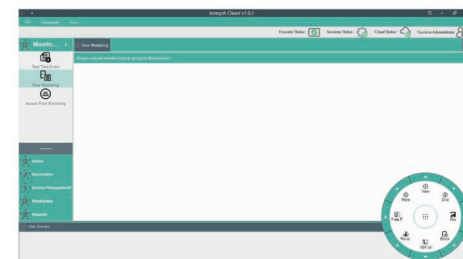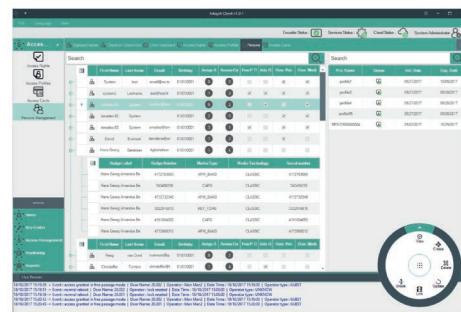
## FEATURES

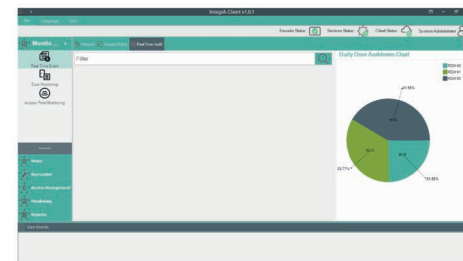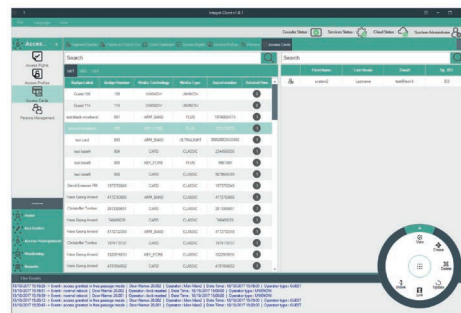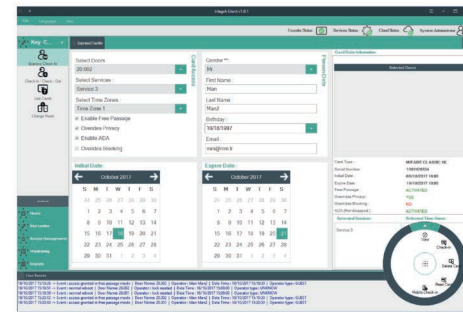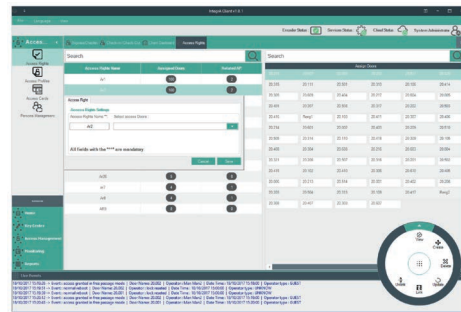Management of offline doors, up to 50.000.000 users and over 100.000 doors - in one installation, unlimited calendars and time tables, possible card multiplications with Mifare Cards, system auditor of 2.000 transactions are stored, 200 audits per lock are stored, multiple Master Cards per lock, TCP or API Interface to PMS, including emergency package, anti-hacking, anti-cloning and anti-phishing.

# AMADEO INTEGRA

## HOTEL BACK OFFICE



## HOTEL FRONT OFFICE



## HOTEL BACK OFFICE

### KEY CENTER

Easy and transparent key-overhanding of cards, bracelets or tags, quick card personalization

### ACCESS MANAGEMENT

Dynamic and easy creation of locking plans, scheduling maintenance of your Access Control

### REPORTS

Custom protocols to any event in your property created by INTEGRA, quick and easy filtering of any information and saving it for other users

## HOTEL FRONT OFFICE

### KEY CENTER

Processing Check-In/Check-Out and instigating Express Check-In, adding and deleting guest cards

### ACCESS MANAGEMENT

Administering Access Rights and administer profiles for guests and staff, managing person-specific information such as Override Privacy

### REPORTS

System audits on Events, Operator, Time/Date and Source, Door events

## KeyCard Systems is compatible with the following regional products and can be shared in one facility:

### WALL READER / ACCESS MANAGERS

Used to control general doors like garages, elevators, main entrances, etc., available in two colors (black & white), multiple IP ratings (IP65, IP67, IP68), with or without keypad, as shock-resistant and optionally as wall-mounted model

### HANDHELD

Battery-operated, with USB connectivity, the Handheld is used to program and control all KeyCard locks and Wall Readers through NFC interface

### KEY CENTER ENCODER

NFC Keycard reader/writer with USB connectivity

### ACCESS POINT

Proprietary AES encrypted UHF technology for wireless connection up to 30m (15m radius), POE and optional IP65 housing for industrial use

### DOOR MANAGER DM4

In combination with a Wall Reader for secure applications, 4 I/Os, Modbus, WiFi

### ENERGY SAVING SWITCH

Energy Saving Switch controls light, AC, electricity and heating. Optional: wireless online

### AMADEO AMD MORTISE

AMADEO AMD mortise provides a self-locking, anti-thrust and anti-panic function, DIN 72 in 55mm or 65mm backset with privacy switch. Optional: door contact

### AMADEO BMD MORTISE

Motorized clutch for wooden doors, anti-thrust and anti-panic function, DIN 72 in 55mm backset with privacy switch. Optional: door contact

### SI::LOCKER

Battery-powered motorized furniture lock with spring-mounted bolt. Optional: wireless

### AMADEO ST40RR

Motorized clutch for tubular frame doors, self-locking, anti-thrust and anti-panic function, DIN 92 in 35mm and 45mm backset. Optional: door contact

### RFID IDENT MEDIA

All Mifare format cards, tags and fobs, reusable and costumizable for printing

### AMADEO GT

Glass door fitting with self-locking, anti-thrust and anti-panic function, DIN 72 in 55mm backset with privacy switch. Optional: door contact

### AMADEO LEVERS

Wide variety of economically designed and heavy-duty levers in different colors and finishes.

### RETROFIT PLATES

Optional and individually designed for adapting to old/existing doors, color-matching with levers and different door accessories

## AMADEO Sales Contacts



**AMADEO Systems GmbH**
Skrabalgasse 8/1
1220, Vienna
Austria
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E: office@amadeosystems.com

**AMADEO Sales in Asia, Africa & Middle East**
Cameroon
China
Egypt
Malaysia
Morocco
Saudi Arabia
Singapore
South Africa
Thailand
Vietnam
UAE

## AMADEO has helped to secure facilities throughout the world including the following projects:

| | |
|---|---|
| Rosehill Hotel | Rosehill, New South Wales, Australia |
| Guildford Hotel | Guildford, New South Wales, Austraila |
| Grand Hotel | Rockdale, New South Wales, Austraila |
| G.V.M. School | Yarrambat, Victoria, Australia |
| | |
| Sunway Resort Hotel & Spa | Kuala Lumpur, Malaysia |
| Pyramid Hotel | Kuala Lumpur, Malaysia |
| Sunway Clio Hotel | Kuala Lumpur, Malaysia |
| Putra Hotel | Kuala Lumpur, Malaysia |
| | |
| Ras Al Khaimah Hotel | Dubai, United Arab Emirates |
| Makkah Clock Tower Hotel | Makkah, Saudi Arabia |
| | |
| Oslofjord Convention Center | Oslo, Norway |
| Thon Hotel | Narvik, Norway |
| Scandic Leknes Lofoten Hotel | Leknes, Norway |
| Best Western Oslo Airport | Oslo, Norway |
| Ambassador Hotel | Zurich, Switzerland |
| Hotel Kindli | Zurich, Switzerland |
| Loisium Wine & Spa Resort | Ehrenhausen, Austria |
| Hotel Roomz | Graz, Austria |
| ÖJAB Student Accommodation | Graz, Austria |
| Stiftung Kurtherme Badehospiz | Bad Gastein, Austria |
| Hotel Gate One | Bratislava, Slovakia |
| Hotel Iberostar Grand Portals Nous | Mallorca, Spain |
| Louis Hotel | Lagenfeld, Germany |
| SL'otel - Budget | Bernberg, Germany |

# KeyCard Systems

AMADEO INTEGRA inside

**AMADEO Systems GmbH**

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**W**: www.amadeosystems.com

www.keycard-systems.com

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