

## Data Sheet

Updated 2018-12-11

### **A66 Universal Reader**

A66 can be run in Stand Alone mode, SOLO (offline) mode, as a VAKA Reader or as Intercom in VAKA-CALL.



## **A66 Stand Alone**

In stand alone mode, the A66 is used without a door controller. The A66 is programmed using the key pad and with the help of the instructions on the screen,

### **A66 Stand Alone functions**

- 10 codes
- 3 time schedules with automatic day light savings time
- 500 tags, cards or radio keys
- Support for EM and Mifare as well as a built in radio receiver
- Day open
- Interface in Swedish, Finish, Norwegian, English and Dutch.

## **A66 VAKA reader with intercom**

The A66 is connected to the door controller B27 or B17 just like other RFID VAKA readers. The A66 is programmed using the VAKA web application in any computer.

### **Unique functions of an A66 in VAKA**

- The A66 works as intercom in combination with C10 or C11
- Alarm control
- Day-/ night locking
- Door opening
- Voice messages with user instructions and greetings

Existing four conductor cables can be used between the door controllers B27 or B17 and A66 if the distance is less than 150 meters.

## Functions and application

- A66 is an RFID reader for EM and Mifare proximity cards and tags. A66 has a built in radio receiver for Axemas radio keys. The robust metal enclosure is designed for outdoor use. The interactive dialogue controlled display in combination with the four function buttons results in a user friendly product.
- The key pad can be used for PIN-codes when controlling the alarm or for group codes during set time schedules. The integrated speaker offers audible feedback for button pressings, warnings, alarms, etc and is used with intercom and voice messages.
- A66 has an AUX relay that can be used to control electric locks, door opening, camera or warnings.
- A66 has an input for exit button and one for door monitoring.
- The reading distance is approximately 7 cm with a PR-4A tag (EM) and 3 cm with a Mifare tag.

## Technical Data

<b>Attributes</b>	<b>A66 Stand alone/ SOLO</b>	<b>A66 VAKA</b>
Dimensions (HxWxD) mm	184x87x27	184x87x27
Housing	Metal	Metal
Mounting	Flush or surface wall mounting	Flush or surface wall mounting
Display	Yes	Yes
Key pad	Yes	Yes
EM 4200/4102	Yes	Yes
Mifare	Yes	Yes
Radio 868 MHz	Yes	Yes
Post IR (Sweden only)	Yes	Yes
Reading distance	7 cm (EM), 3 cm (Mifare) and 50 m (radio)	7 cm (EM), 3 cm (Mifare) and 50 m (radio)
Built-in speaker	Yes	Yes
Built-in microphone	Yes	Yes
Exit button input	Yes	Yes
Clock input	Built-in clock	No
Lockable housing	Yes	Yes
Power Supply	10-30 VDC	From door controller
Electrical connection	Screw terminal	Screw terminal
Power consumption at rest (W)	2.5	2
Maximum power consumption (W)	7	7.5
Current consumption at rest @12V (mA)	200	140
Maximum current consumption @12V (mA)	550	620
Current consumption at rest @24V (mA)	100	70
Maximum current consumption @24V (mA)	275	310
Maximum load (relay)	1A 30VDC	1A 30VDC
IP classification	IP55	IP55
IK classification	IK06	IK06

<b>Attributes</b>	<b>A66 Stand alone/ SOLO</b>	<b>A66 VAKA</b>
Temperature	-30° to + 55°C	-30° to + 55°C
Number of codes	10	VAKA*
Unlocked time	1-999 seconds	VAKA*
Blocked code lock	After 3 invalid entries	VAKA*
Blocked card	No	VAKA*
Day open function	Yes	VAKA*
Clock input	Built-in clock	VAKA*
No. of doors	1 (20 A66 in a SOLO system)	VAKA*
Time schedules	3	VAKA*
Article number	2-1660	2-1660
E number	E5870494	E5870494