

OmniAC30 Quick Start Guide

Version: 2.3



Overview





Terminal Block





IWD1 IWD0

GND 12V-OUT





Installation Environment

Please refer to the following recommendations for installation.



KEEP DISTANCE



AVOID GLASS REFRACTION



AVOID DIRECT SUNLIGHT AND EXPOSURE



KEEP EFFECTIVE DISTANCE 11.81 to 78.74inch (30 to 200cm)

DO NOT KEEP

YOUR FINGERS

CLOSE

Recommended Palm Gestures



KEEP EFFECTIVE DISTANCE OF 7.87 to 15.75 inch (20 to 40 cm)



DO NOT KEEP PALM OUTSIDE COLLECTION AREA



KEEP SPACES BETWEEN YOUR FINGERS



DO NOT KEEP YOUR FINGERS FOLD/CURLED

Note:

- 1. Place your palm within 7.87 to 15.75 inch (20 to 40 cm) of the device.
- 2. Place your palm in the palm collection area, such that the palm is placed parallel to the device.
- 3. Make sure to keep space between your fingers.

Device Installation

• With Backplate *****:

- 1. Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.
- 2. Fix the Backplate on the wall using wall mounting screws.
- 3. Attach the device to the Backplate.
- 4. Fasten the device to the Backplate with a security screw.









4

Note: Features and parameters with \star mark are not available in all devices.

• With Back Cover:

- 1. Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.
- 2. Fix the Back Cover on the wall using wall mounting screws.
- 3. Attach the device to the Back Cover.
- 4. Fasten the device to the Back Cover with a security screw.









Standalone Installation



Power Connection



Recommended AC Adapter

- 1. 12V ± 10%, at least 3A.
- 2. To share the power with other devices, use an AC Adapter with higher current ratings.

Ethernet Connection

Connect the device and computer software over an Ethernet cable. As shown in the example below:



Default IP address: 192.168.1.201 Subnetmask: 255.255.255.0

IP address: 192.168.1.130 Subnet mask: 255.255.255.0

Click on [COMM.] > [Ethernet] > [IP Address], input the IP address and click on [OK].

Note: In LAN, the IP addresses of the server (PC) and the device must be in the same network segment when connecting to the software.

Wiegand Reader and RS485 Connection



Printer Connection



Door Sensor, Exit Button, Auxiliary Connection



Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock. The NO LOCK (normally unlocked when power-on) is connected with 'NO' and 'COM' terminals, and the NC LOCK (normally locked when power-on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:



1) Device not sharing power with the lock

2) Device sharing power with the lock



User Registration

When there is no super administrator set in the device, click on \equiv to enter the menu. Add a new user and set User Role to Super Admin, then the system requests for the administrator's verification before entering the menu. It is recommended to register a super administrator initially for security purposes.

Click on (=) > [User Mgt.] > [New User] to register a new user. The options include entering the user ID and Name, setting User Role, registering a Palm, Face, Card, Password and adding Profile Photo.



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User ID		
4		
Name		
User Role		
Normal User		
Palm		
0		
Face		
0		
Card		
0		
Password		
Profile Photo		
0		
Access Contro	Role	









Ethernet and Cloud Server Settings

Click on > [COMM.] > [Ethernet] to set the network parameters. If the TCP/IP communication of the device is successful, the icon will be displayed in the upper right corner of the standby interface.

Click on E > [COMM.] > [Cloud Server Setting] to set the server address and server port, that is, the IP address and port number of the server after the software is installed. If the device communicates with the server successfully, the icon E will be displayed in the upper right corner of the standby interface.

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User Mgt.	User Role	COMM.
र्ट्री System	Personalize	Data Mgt.
ACCESS	ATTENDANCE	VIDEO
Autotest	System Info	

÷	Ethernet
IP Address 192.168.163.123	
Subnet Mask 255.255.255.0	
Gateway 192.168.163.1	
DNS 0.0.0.0	
TCP COMM.Port 4370	
DHCP	
Display in Status B	ar 💽

←	Cloud Server Setti	ngs
Server M ADMS	Aode	
Enable [omain Name	0
Server A 192.168	Address 3.27	
Server F 8088	Port	
Enable F	Proxy Server	
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Access Control Settings

Click on \equiv > [Access Control] to enter the access control management interface and set relevant parameters of access control.

←	ACCESS CONTROL	Access Control Options
2 2 3	Access Control Options	Gate Control Mode
User Mgt. User Role COMM.	Time Rule Settings	Door Lock Delay(s) 5
微 🛨 🖯	🔁 Holidays	Door Sensor Delay(s) 10
System Personalize Data Mgt.	6 Combined Verification	Door Sensor Type None
	Anti-passback Setup	Verification Mode Password/Card/Face
ACCESS ATTENDANCE VIDEO CONTROL SEARCH INTERCOM	Duress Options	Door Available Time Period
		Normal Open Time Period None
Autotest System Info		Master Device
		Slave Device Out

Records Query

Click on => [Attendance Search] > [Event Logs] to enter the records query interface, input the user ID and select the time range, the corresponding event logs will be displayed.

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ACCESS	ATTENDANCE	VIDEO				15:08 15:07 15:07
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	<u> </u>					
Autotest	System Info					

# **Health Protection**

Click on  $\equiv$  > [System] > [Health Protection] to enable mask detection.













# Video Intercom

1. Add the device to the Armatura One software and turn on the video intercom feature. The video intercom mode is Direct Call Mode by default. You can switch to Normal Mode in Set up > Video Intercom Parameters.

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 In the Armatura One software, click [System] > [Integrations] > [E-mail Management] > [Email Parameter Settings] to set up Email SMTP Service.

185	Ernal Account*	
ider:	Sender Name	

 Add the Organization and Personnel, and click [Personnel] > [New] / [Edit] > [Video Intercom] > [ARMATURA Account] to enable video intercom for users.

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			Save and New OK Cancel	

 Click [Access] > [Video intercom] > [Indoor Monitor] > [New] to add indoor monitors.

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9 Advanced Functions ~		
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Indoor Monitor		
Contact Book	Address - Cascold	

5. Click [Access] > [Video intercom] > [Contact Book Levels] / [Contact Book] to configure contact book for the device.



#### • Device Call the Phone

1. Change the video intercom mode of the device to Normal Mode with Categorized Search enabled.









2. Change the video intercom mode of the device to Direct Call Mode.













#### • Phone Call the Device

After the device calling the phone, the device will be automatically saved in the Armatura ICS App.







#### • Device Call the Indoor Monitor

When the video intercom mode of the device is Normal Mode with Categorized Search enabled, select the name of the indoor monitor to call it.









For details, please refer to OmniAC30 User Manual.



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