

# IP-DB

IP VIDEO DOORBELL

QUICK START GUIDE



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## WELCOME

Thank you for choosing the AtlasIED IP-DB video doorbell for your project. The IP-DB video doorbell is designed to meet the needs of the harshest environments found in commercial applications. Despite having a full metal housing and an IP66 rating, the IP-DB retains a sleek modern aesthetic that would not be out of place in a high-end residential setting. With a long list of high value features that includes a high resolution camera with IR LEDs to cover low light environments, RFID card compatibility, on board door lock relays, backlit keypad, GPI ports for external sensors, and a high fidelity microphone, the IP-DB is the perfect match for nearly any installation.

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## PACKAGE CONTENTS

IP-DB IP Video Doorbell  
 Quick Start Guide  
 RFID Cards (Qty 2)  
 Connector  
 Mounting Template  
 Screws and Mounting Hardware

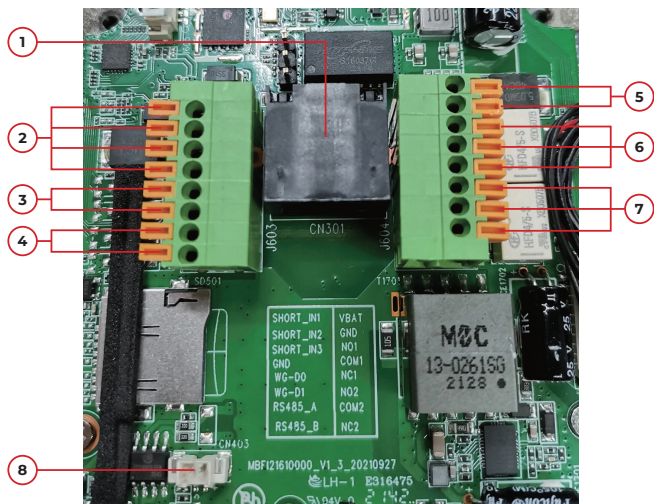
## FRONT PANEL DESCRIPTION





## INTERFACE DESCRIPTION

Open the rear case of the IP-DB allowing access to the terminal blocks.

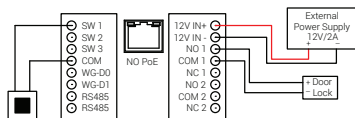


SERIAL #	DESCRIPTION
1	Ethernet interface: standard RJ45 interface, 10/100M adaptive, it is recommended to use CAT5 or higher network cable
2	Three GPIO inputs: for connecting switches, infrared probes, door magnets, vibration sensors and other input devices
3	Wiegand interface
4	RS485 interface
5	12V/1A input up positive, down grounded
6 / 7	Two relay outputs: used to control electric locks, alarms, etc.
8	Line out interface

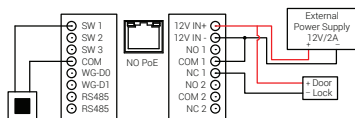


## WIRING INSTRUCTIONS

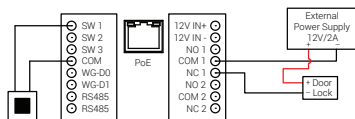
NO: Normally Open Contact; COM: Common Contact; NC: Normally Close Contact.



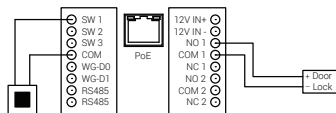
No PoE power and door lock does not require external 12V



No PoE power and door lock does require external 12V



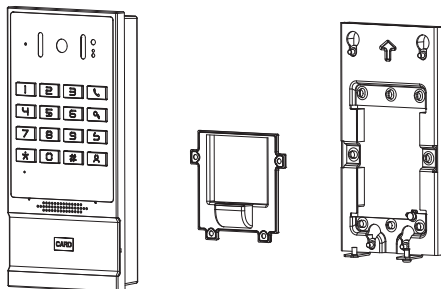
PoE power and door lock does require external 12V



PoE power and door lock does not require external 12V



## INSTALLATION DIAGRAM



### Wall Mounting

1. Installation preparation
  - A. Included hardware:
    - M3 x 6mm screw x3
    - M4 x 30mm screw x5
    - M6 x 30mm screw anchors x5
    - M4 x 16mm screw x3
    - M6 x 20mm screw x3
  - B. Tools that may be required:
    - Phillips screwdriver
    - Hammer
    - RJ45 crimper
    - Drill with 8mm drill bit

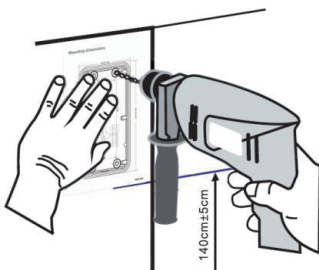
# IP-DB

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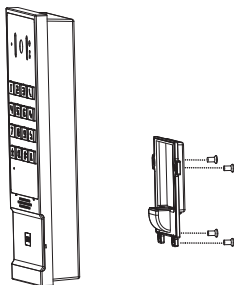
QUICK START GUIDE



## 2 Drilling



- Place the mounting template with dimensions on the surface of a wall in a desired flat position.
  - Use a drill to drill the 4 holes marked on the mounting template. Remove the template when drilling is complete.
  - Push or hammer screw anchors into the drilled holes.
3. Remove the wall bracket from the back of the IP-DB



- Detach the wall bracket from the device and loosen the four screw on the rear cover using a screwdriver.

# IP-DB

## IP VIDEO DOORBELL

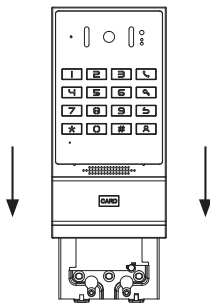
### QUICK START GUIDE



#### 4. Install the wall bracket and wiring



- Align the screw holes of the wall bracket with the holes in the wall and fix them to the wall with the 4x 30mm screws.
- Pass all the wires through the silicone plug in the middle of the bottom case. Leave a service loop of 15~20CM length.
- Connect the cables of RJ45, power, and electric-lock to the terminal block as mentioned in connectors description (page 4).
- Press the Lock button for 3 seconds to get the IP address of intercom by voice. Input access password or press the indoor switch to check electric-lock installation.
- Attach the device to the wall bracket in a top-down manner, locking the screw at the Bottom.







## SEARCHING THE IP-DB

### Method 1

Open the AtlasIED Discover using a computer on the same network as the IP-DB.

Type	Model	Version	IP	Netmask	Mac	Serial Number	Description	
<input type="checkbox"/>	IPX	IP-SDMF	1.8.0b1159	10.57.185.211	255.255.255.0	00-02-C1-8B-FE-C6	IPX 1	Dan's speaker 1

### Method 2

After the unit has fully started up, press the Lock DSS Key for 3 seconds. The unit will announce its IP Address.

## IP-DB SETTINGS

### Step 1

Input IP address (e.g. <http://192.168.1.128>) into the address bar of the PC's web browser. The default user name is admin and password is the last 6 digits of the MAC address.

**User:**

**Password:**

**Language:**



## Step 2

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters. Select "Activate", and then click Apply to save this setting.

SIP | SIP Hotspot | Dial Plan | Action Plan | Basic Settings | Paging Server

- > System
- > Network
- > Line
- > Intercom Settings
- > Call List
- > Function Key
- > Security
- > Device Log
- > Security Settings
- > EGS Setting
- > Platform Access

Line 13301@SIP1 ▾

**Register Settings >>**

Line Status: Registered

Username:

Display name:

Realm:

Activate:

Authentication User:

Authentication Password:

Server Name:

**SIP Server 1:**

Server Address:

Server Port:

Transport Protocol:

Registration Expiration:  second(s)

Proxy Server Address:

Proxy Server Port:

Proxy User:

Proxy Password:

**SIP Server 2:**

Server Address:

Server Port:

Transport Protocol:

Registration Expiration:  second(s)

Backup Proxy Server Address:

Backup Proxy Server Port:

**Basic Settings >>**

---

**Codecs Settings >>**

---

**Advanced Settings >>**

---

**SIP Global Settings >>**



### Step 3

Set the Speed Dial key as shown below for a quick start. Click "Apply" to save this setting. DSS Key 4 will reflect the speed dial button on the doorbell key specified above. \*5-7 can be configured for the input sensor settings under the Security Settings then input settings "SW1-SW3". DSS Keys can be configured with the following Values.

Type: Memory Key

Name: Speed dial name.

Value: Extension number to call. "500" is an example.

Subtype: Will be set to Speed Dial.

Line: Will be the registered SIP line you have setup.

- > System
- > Network
- > Line
- > Intercom Settings
- > Call List
- > **Function Key**
- > Security
- > Device Log
- > Security Settings
- > EGS Setting
- > Platform Access

**Function Key Settings >>**

Key	Type	Name	Value			Subtype	Line	Media
DSS Key 1	Key Event			+	-	Handfree	AUTO	DEFAULT
DSS Key 2	Key Event			+	-	Lock	AUTO	DEFAULT
DSS Key 3	Key Event			+	-	Release	AUTO	DEFAULT
DSS Key 4	Memory Key	Console	133	+	-	Speed Dial	13301@SIP1	DEFAULT
DSS Key 5	None			+	-	None	AUTO	DEFAULT
DSS Key 6	None			+	-	None	AUTO	DEFAULT
DSS Key 7	None			+	-	None	AUTO	DEFAULT

**Programmable Key Settings >>**

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**Advanced Settings >>**



- > Call List
- > Function Key
- > Security
- > Device Log
- > Security Settings
- > EGS Setting

#### Input Settings >>

<input checked="" type="checkbox"/> Input1:	Triggered By: <input type="text" value="High Level Trigger(Disconnect Trigger)"/>	Input Duration: <input type="text" value="0"/> (0.00~3600)s	Triggered Ringtone: <input type="text" value="None"/>
	Triggered Action: <input type="checkbox"/> Send SMS    Event: <input type="text" value="DasKey5"/>		
<input checked="" type="checkbox"/> Input2:	Triggered By: <input type="text" value="Low Level Trigger(Close Trigger)"/>	Input Duration: <input type="text" value="0"/> (0.00~3600)s	Triggered Ringtone: <input type="text" value="None"/>
	Triggered Action: <input type="checkbox"/> Send SMS    Event: <input type="text" value="DasKey6"/>		
<input checked="" type="checkbox"/> Input3:	Triggered By: <input type="text" value="Low Level Trigger(Close Trigger)"/>	Input Duration: <input type="text" value="0"/> (0.00~3600)s	Triggered Ringtone: <input type="text" value="None"/>
	Triggered Action: <input type="checkbox"/> Send SMS    Event: <input type="text" value="DasKey7"/>		

## Step 4

### EGS (Electronic Gate System) Settings

- > System
- > Network
- > Line
- > Intercom Settings
- > Call List
- > Function Key
- > Security
- > Device Log
- > Security Settings
- > EGS Setting
- > Platform Access

Feature
Relay
Personnel Management
Time Profile
Logs

#### Basic Settings

Relay1 Mode:	<input type="text" value="Monostable"/>	Relay1 Open Duration	<input type="text" value="5"/>
Relay2 Mode:	<input type="text" value="Monostable"/>	Relay2 Open Duration	<input type="text" value="5"/>
Relay2 Follow Mode	<input type="text" value="Independence"/>	Asynchronization Delay Time	<input type="text" value="1"/>
RFID Format	<input type="text" value="BH10D"/>	Wiegand Format	<input type="text" value="8H10D"/>
Wiegand Mode	<input type="text" value="Input"/>	Wiegand Type	<input type="text" value="34"/>
Wiegand Parity Check	<input type="text" value="Enable"/>	Wiegand Password Output Type	<input type="text" value="Disable"/>
Relay Open Mode	<input checked="" type="checkbox"/> Card Reader <input checked="" type="checkbox"/> Password	Card Reader Working Mode	<input type="text" value="Normal"/>
Keypad Input Mode	<input type="text" value="Password &amp; Dial"/>	Keypad * To Switch Input Mode	<input type="text" value="Disable"/>
Relay Log Export Enable	<input type="checkbox"/>	Relay Log Server Type:	<input type="text" value="UDP"/>
Relay Log Server Addr	<input type="text" value="0.0.0.0"/>	Relay Log Info	<input "="" type="text" value="&lt;B&gt;door\$index:"/>
Relay Log Server Port	<input type="text" value="514"/>	Include Snapshot	<input type="checkbox"/>
<input type="checkbox"/> Authentication Method			

Disabled State

Card Reader

Local Password

Enabled State



## DOOR UNLOCKING SETTING

### RFID Card

1. Access control settings on web page / Personnel Management / Select Add / ("Normal" card provides door opening function, "Add" card and "Del" card provides add and delete card function, Default "Normal" card)
2. Enter users name and card number (just enter the first 10 digits of the card number), Select "Apply"
3. Access the card reading area of the device through the configured ID card to open the door.

The screenshot shows the web interface for configuring an RFID card. The main menu on the left includes System, Network, Line, Intercom Settings, Call List, Function Key, Security, Device Log, Security Settings, EGS Setting (highlighted), and Platform Access. The top navigation bar has tabs for Feature, Relay, Personnel Management (selected), Time Profile, and Logs. The main content area is titled 'Personnel Management > Add' and contains the following fields:

**Personnel information**

- Name:
- Card Number Type:
- Card Number:
- Password Type:
- Password:
- Number:
- Location:
- CallForward:

**Privilege**

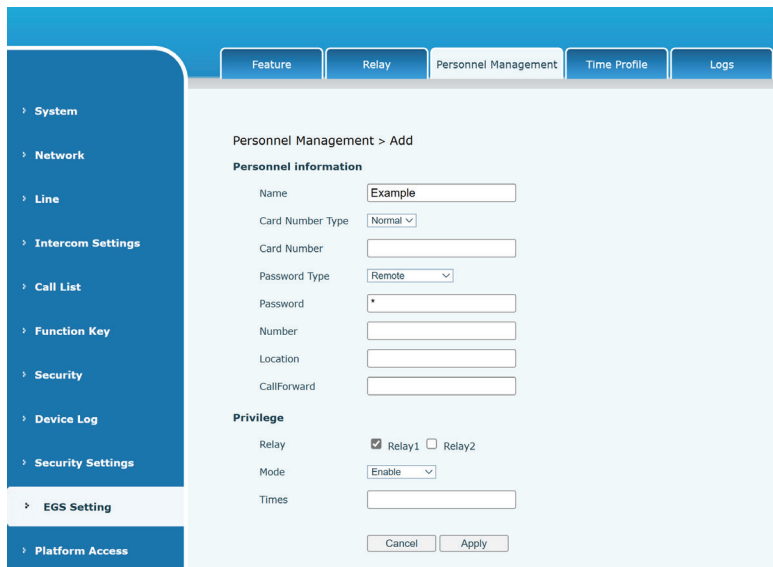
- Relay:  Relay1  Relay2
- Mode:
- Times:

Buttons:



### Remote Password

1. Set Access control settings on web page / Personnel Management / Select Add.
2. Enter the Name, Password Type "Remote", Password and Number, Select Apply.
3. The owner answers the access control call and presses " \* " (default password).



The screenshot shows the web interface for configuring the IP-DB. The top navigation bar includes tabs for Feature, Relay, Personnel Management, Time Profile, and Logs. A left sidebar contains a menu with categories like System, Network, Line, Intercom Settings, Call List, Function Key, Security, Device Log, Security Settings, EGS Setting, and Platform Access. The main content area is titled "Personnel Management > Add" and contains the following fields:

**Personnel information**

- Name:
- Card Number Type:
- Card Number:
- Password Type:
- Password:
- Number:
- Location:
- CallForward:

**Privilege**

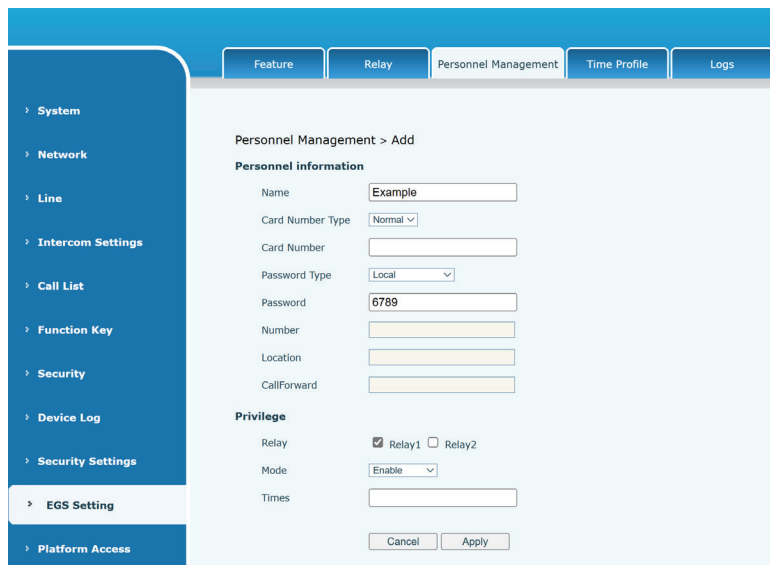
- Relay:  Relay1  Relay2
- Mode:
- Times:

Buttons:



### Local Password

1. Set Access control settings on web page / Personnel Management / Select Add.
2. Enter the Name, Password Type "Local", Password and Number, Select Apply.
3. Owners and visitors can open the door by entering "6789" (default password).



The screenshot shows the web interface for configuring a local password. The left sidebar contains a navigation menu with the following items: System, Network, Line, Intercom Settings, Call List, Function Key, Security, Device Log, Security Settings, **EGS Setting** (highlighted), and Platform Access. The main content area has tabs for Feature, Relay, Personnel Management, Time Profile, and Logs. The 'Personnel Management > Add' form is displayed, containing the following fields:

- Personnel information**
  - Name:
  - Card Number Type:
  - Card Number:
  - Password Type:
  - Password:
  - Number:
  - Location:
  - CallForward:
- Privilege**
  - Relay:  Relay1  Relay2
  - Mode:
  - Times:

At the bottom of the form are 'Cancel' and 'Apply' buttons.



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## LIMITED WARRANTY

All products manufactured by AtlasIED are warranted to the original dealer/installer, industrial or commercial purchaser to be free from defects in material and workmanship and to be in compliance with our published specifications, if any. This warranty shall extend from the date of purchase for a period of three years on all AtlasIED products, including SOUNDOLIER brand, and ATLAS SOUND brand products except as follows: one year on electronics and control systems; one year on replacement parts; and one year on Musician Series stands and related accessories. Additionally, fuses and lamps carry no warranty. AtlasIED will solely at its discretion, replace at no charge or repair free of charge defective parts or products when the product has been applied and used in accordance with our published operation and installation instructions. We will not be responsible for defects caused by improper storage, misuse (including failure to provide reasonable and necessary maintenance), accident, abnormal atmospheres, water immersion, lightning discharge, or malfunctions when products have been modified or operated in excess of rated power, altered, serviced or installed in other than a workman like manner. The original sales invoice should be retained as evidence of purchase under the terms of this warranty. All warranty returns must comply with our returns policy set forth below. When products returned to AtlasIED do not qualify for repair or replacement under our warranty, repairs may be performed at prevailing costs for material and labor unless there is included with the returned product(s) a written request for an estimate of repair costs before any nonwarranty work is performed. In the event of replacement or upon completion of repairs, return shipment will be made with the transportation charges collect.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PREVENTS THE LIMITATION OF CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, ATLASIED SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY DIRECT, CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE ARISING OUT OF THE INSTALLATION, USE OR INABILITY TO USE THE PRODUCTS. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

AtlasIED does not assume, or does it authorize any other person to assume or extend on its behalf, any other warranty, obligation, or liability. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

## SERVICE

Should your AtlasIED IP-DB require service, please contact the AtlasIED warranty department at 1-877-689-8055, ext. 277 to obtain an RA number.

AtlasIED Tech Support can be reached at 1-800-876-3333 or support.atlasied.com.

Visit our website at [www.AtlasIED.com](http://www.AtlasIED.com) to see other AtlasIED products.

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