

# Yealink



<http://support.yealink.com/>

## W90 DECT IP Multi-Cell System



### Quick Start Guide (V85.16)

For W90DM/W90B firmware 130.85.0.15 or later

For W59R firmware 115.85.0.20 or later

For W53H firmware 88.85.0.20 or later

For W56H firmware 61.85.0.20 or later

For CP930W firmware 87.85.0.20 or later

For DD phone firmware 66.85.0.15 or later

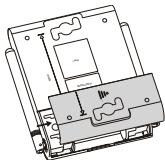
# Package Contents



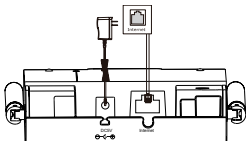
Optional

# Installation

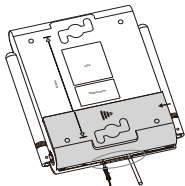
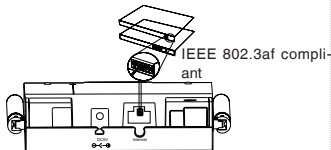
## 1. Connect the power and the network.



### a. AC Power Option



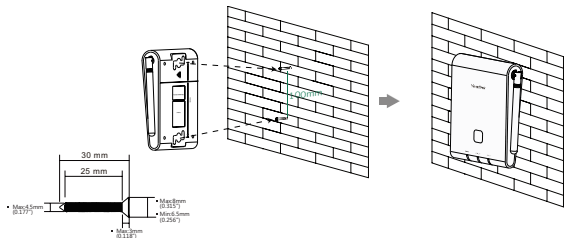
### b. PoE (Power over Ethernet) Option



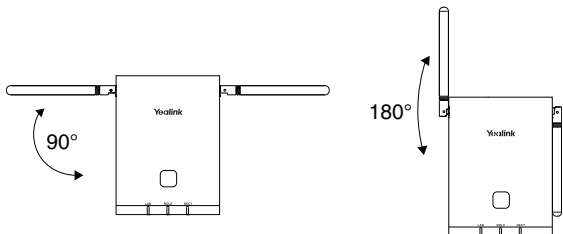
### Note:

- If you choose method a, use Yealink supplied power adapter (5V/1.2A). A third-party power adapter may damage the device.
- If you choose method b, you do not need to connect the power adapter. Make sure the hub/switch is PoE-compliant.

## 2. Mount W90DM/W90B on the wall.



### 3. Adjust the antenna angle.



## Defining the Device Role

The W90DM is shipped as a DECT Manager (DM) and the W90B is shipped as a base station.

### Base Mode Options

The following shows the LED status after the W90DM/W90B connects to the power and network:

Base Mode Option	Role	LAN LED	ROLE LED	DECT LED
1	Base	Green	Green	Off
2	DM	Green	Orange	Off

## Accessing the Web User Interface

- Do one of the following:
  - Find the current IP address of the device on the DHCP server in the list of registered DHCP clients.
  - Find the current IP address of the device through a PC scanning tool - Yealink Discovery Tool.
- Open a web browser on your computer, enter the IP address into the address bar (for example, "http://192.168.0.10" or "192.168.0.10"), and then press the **Enter**.
- Enter the user name (default: admin) and password (default: admin) in the login page and click **Login**.

## Regulatory Notices

### Operating Ambient Temperatures

- Operating temperature: -4 to 122°F (-20 to 50°C)
- Relative humidity: 5% to 90%, noncondensing
- Storage temperature: -22 to +160°F (-30 to +70°C)

### Warranty

Our product warranty is limited only to the unit itself, when used normally in accordance with the operating instructions and the system environment. We are not liable for damage or loss resulting from the use of this product, or for any claim from a third party. We are not liable for problems with Yealink device arising from the use of this product; we are not liable for financial damages, lost profits, claims from third parties, etc., arising from the use of this product.

### Explanation of the symbols

#### DC symbol

— is the DC voltage symbol.

#### WEEE Warning symbol

To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

### Restriction of Hazardous Substances Directive (RoHS)

This device complies with the requirements of the EU RoHS Directive. Statements of compliance can be obtained by contacting support@yealink.com.

### Safety Instructions

Save these instructions. Read these safety instructions before use!

#### General Requirements

Before you install and use the device, read the safety instructions carefully and observe the situation during operation.

- During the process of storage, transportation, and operation, please always keep the device dry and clean, avoid collision and crash.
- Please attempt not to dismantle the device by yourself. In case of any discrepancy, please contact the appointed maintenance center for repair.
- Please refer to the relevant laws and statutes while using the device. Legal rights of others should be respected as well.

#### Environmental Requirements

- Place the device at a well-ventilated place. Do not expose the device under direct sunlight.
- Keep the device dry and free of dusts.
- Do not place the device on or near any inflammable or fire-vulnerable object, such as rubber-made materials.
- Keep the device away from any heat source or bare fire, such as a candle or an electric heater.

#### Operating Requirements

- Do not let a child operate the device without guidance.
- Do not let a child play with the device or any accessory in case of accidental swallowing.
- Please use the accessories provided or authorized by the manufacturer only.
- The power supply of the device shall meet the requirements of the input voltage of the device. Please use the provided surge protection power socket only.
- Before plugging or unplugging any cable, make sure that your hands are completely dry.
- Do not spill liquid of any kind on the product or use the equipment near water, for example, near a bathtub, washbowl, kitchen sink, wet basement or near a swimming pool.
- During a thunderstorm, stop using the device and disconnect it from the power supply. Unplug the power plug and the Asymmetric Digital Subscriber Line (ADSL) twisted pair (the radio frequency cable) to avoid lightning strike.
- During a thunderstorm, stop using the device and disconnect it from the power supply. Unplug the power plug and the Asymmetric Digital Subscriber Line (ADSL) twisted pair (the radio frequency cable) to avoid lightning strike.
- If the device is left unused for a rather long time, disconnect it from the power supply and unplug the power plug.
- When there is smoke emitted from the device, or some abnormal noise or smell, disconnect the device from the power supply, and unplug the power plug immediately.
- Contact the specified maintenance center for repair.
- Do not insert any object into equipment slots that is not part of the product or auxiliary product.
- Before connecting a cable, connect the grounding cable of the device first. Do not disconnect the grounding cable until you disconnect all other cables.

#### Cleaning Requirements

- Before cleaning the device, disconnect it from the power supply.
- Use a piece of soft, dry and anti-static cloth to clean the device.
- Keep the power plug clean and dry.

## Troubleshooting

The unit cannot supply power to device other than Yealink device.

There is a bad connection with the plug.

1. Clean the plug with a dry cloth.

2. Connect it to another wall outlet.

The usage environment is out of operating temperature range.

Use in the operating temperature range.

The cable between the unit and the Yealink device is connected incorrectly.

1. Connect the cable correctly.

You cannot connect the cable properly.

1. You may have connected a wrong Yealink device.

2. Use the correct power supply.

Some dust, etc., may be in the port.

1. Clean the port.

Contact your dealer or authorized service facility for any further questions.

## FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### IMPORTANT NOTE:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## IC Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) this device may not cause interference; and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device. CAN ICES-3(B)  
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :  
(1) l'appareil ne doit pas produire de brouillage;  
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. NMB-3(B)

#### Radiation Exposure Statement

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.  
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

#### Contact Information

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