

DVR CONFIGURE MANUAL



CAUTION

- Please read this user manual carefully to ensure that you can use the device correctly and safely.
- There may be outdated information (due to software updates) or minor errors in this manual. Updates and corrections will be periodically added into future versions. The contents of this manual are subject to change without notice.
- This device should only be used with the power source indicated on the electronic specification label. The voltage of the power must be verified before using. If the device is not in use for a long period of time, unplug the power from the wall socket.
- Do not install this device near any heat sources such as radiators, heat registers, stoves or other device that produce heat.
- Do not install this device near water. Clean only with a dry cloth.
- Place the device in a well-ventilated area.
- Do not power off the DVR during normal recording condition! The correct method to shut off DVR is to stop recording firstly, and then to select “shut-down” from the lower left of the menu screen to exit, and finally to cut off the power.
- This machine is designed for indoor use only. Do not expose it to high humidity environment, including rain. If any liquid gets into the machine’s case, please cut off power immediately. Be sure to use a qualified technician to inspect and repair the device before resuming operation.
- Do not try to repair the device by yourself without technical aid or approval.
- This manual is suitable for all channel digital video recorders (DVR).

INTRODUCTION

This model DVR (Digital Video Recorder) is specially designed for CCTV system. It adopts high performance video processing chips and embedded Linux system. Meanwhile, it utilizes advanced technologies, such as efficient H.264 encoding, Dual stream, SATA interface, HD output, mouse input, remote control input, web browser access (e.g. IE), mobile viewing (via smart phones and tablets), etc., which ensures powerful features and high stability. Due to these distinctive characteristics, it is widely used in banks, telecommunication, transportation, factories, warehouse, and irrigation and so on.

MAIN FEATURES

COMPRESSION FORMAT

- Standard H.264 compression with low bit rate and better image quality.

LIVE SURVEILLANCE

- Supports VG/HDMI output
- Display the local record state and basic information
- Supports USB mice for user-friendly operation

RECORD MEDIA

- Supports SATA HDDs for reliable recording and abundant space

BACKUP

- Supports USB 2.0 devices to backup
- Models supports built-in SATA BURNER to backup
- Supports saving recordings as files standard format to remote computers over an internet connection

RECORD MEDIA

- Record modes: Manual, Schedule, Motion detection and Sensor alarm recording
- Supports automatic recycling of space after the HDD is full
- Resolution, frame rate and picture quality are adjustable
- Four record search modes: time search, event search, channel search and calendar search
- Supports deleting and locking the recorded files one by one
- Supports remote playback in Network Client through LAN or internet

REAR PANEL



Fig 1: Rear panel of DVR

Ports	Description
Video In	8 channel input
Audio In	4 Audio Input
VGA	1 VGA output
HDMI	1 HD output
Audio Out	1 Audio Output
LAN	Ethernet connectivity
USB	2 USB ports for mouse or backup device
DC	Power Supply
Ground	1 GND
RS485	PT Control input

FRONT PANEL



Fig 2: Front panel of DVR

3 LED INDICATORS

- POWER
- ALARM
- RECORDING

1 Menu Button for manual settings for DVR

1 Esc Button for exit

Navigation Buttons for scrolling the menu options.

CONFIGURATION STEPS

Step 1: User should plug in all the input and output ports before switching on the power.

Step 2: As the user switch on the power and a Guide window appear on the LED screen.

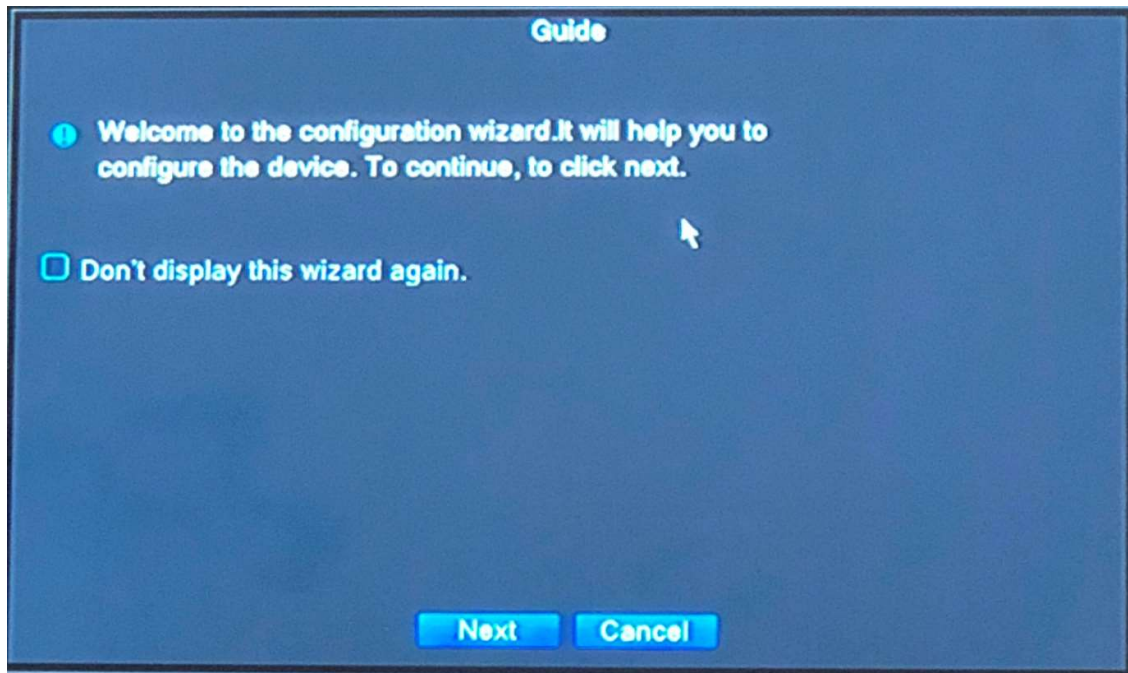


Fig 3: Guide Window

Step 3: Click on the “Next” option. You will be redirected to next window.

Step 4: Next window comprises the Time- Language Configuration.

Step 5: Enter the required fields such as Time Zone, System Time, Date format, Time format and Language.

Step 6: Click on the “Next” option. You will be redirected to next window.

Step 7: Next window comprises the Network Test.

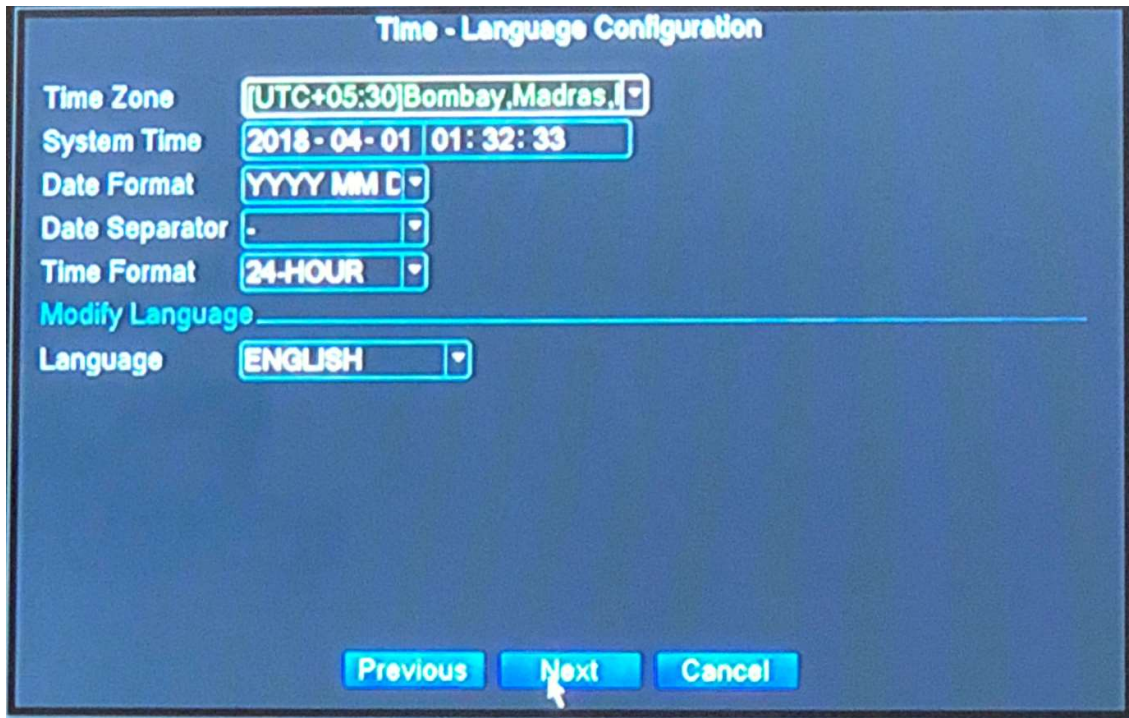


Fig 4: Time-Language Configuration Window

Network Test is required to add the DVR onto the network so we can remotely view the live CCTV recording on our portable devices like mobile phones, tablets etc.

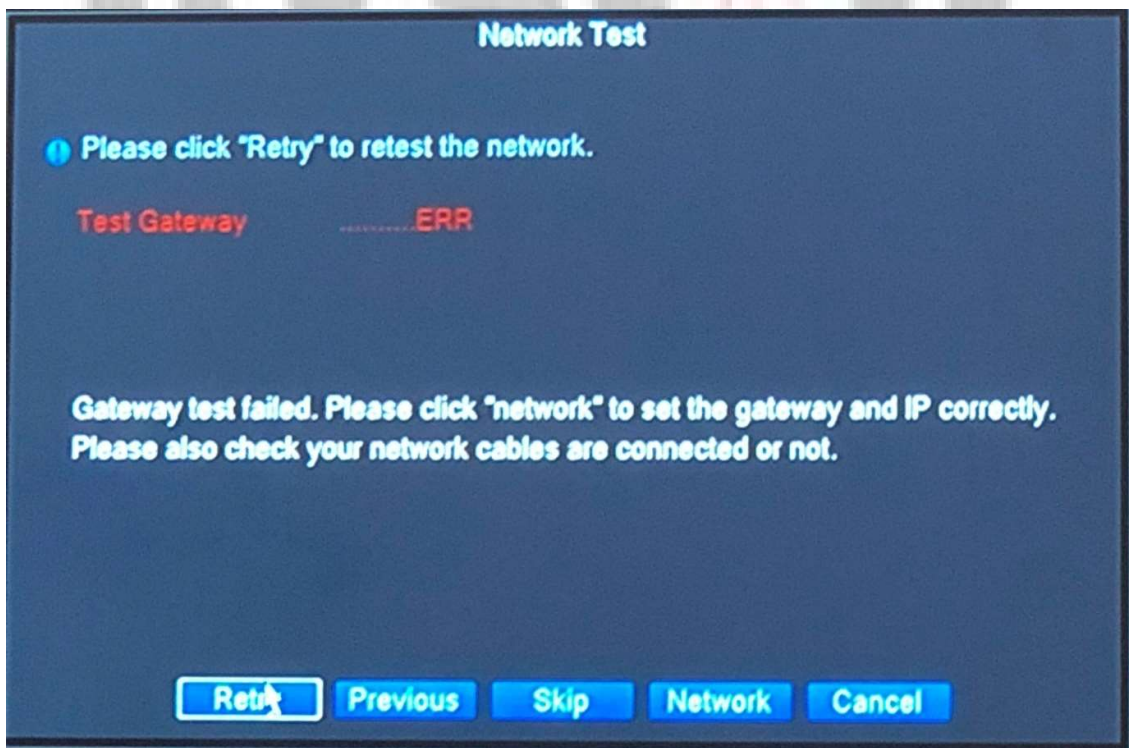


Fig 5: Network Test Window

Step 8: Click on the “Network” option. You will be redirected to Network window.

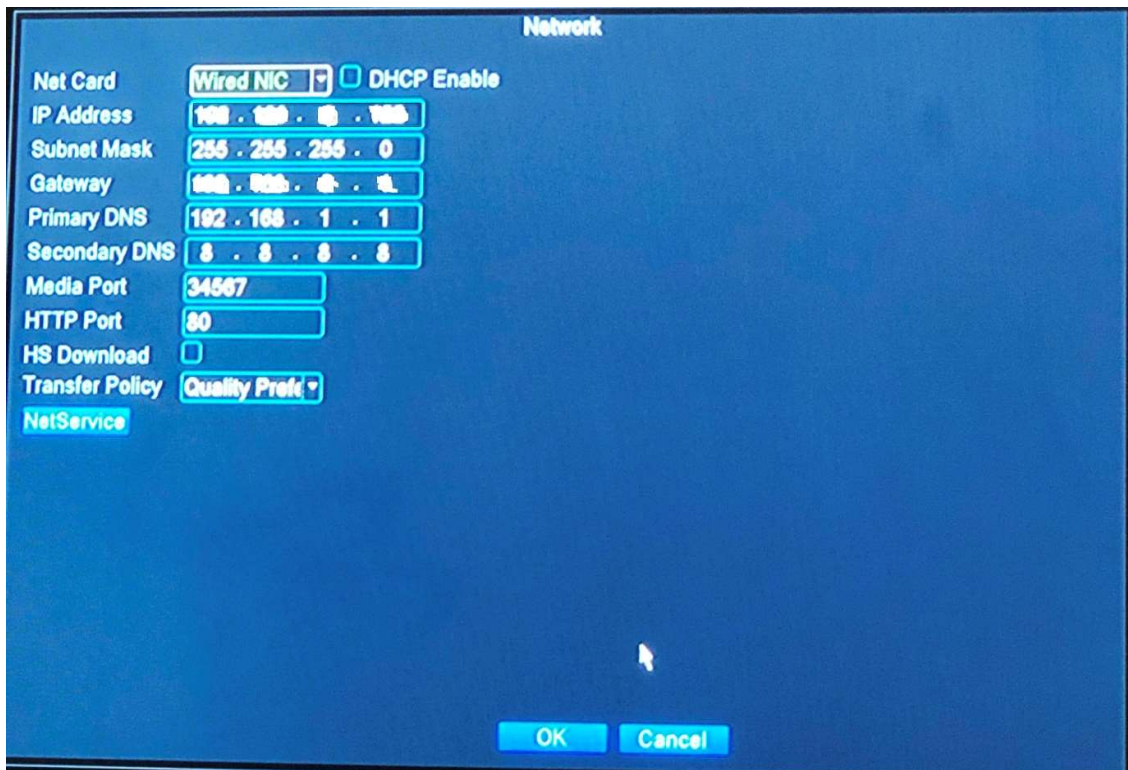


Fig 6: Network Window

Step 9: Enter the IP Address and Gateway of your current internet connection.

Step 10: Click on “Ok” option.

Step 11: Network Test window appear again.

Step 12: Click on “Retry” option.

The system will retest the network and user will be added to network. The screen will appear after testing the network shown below.

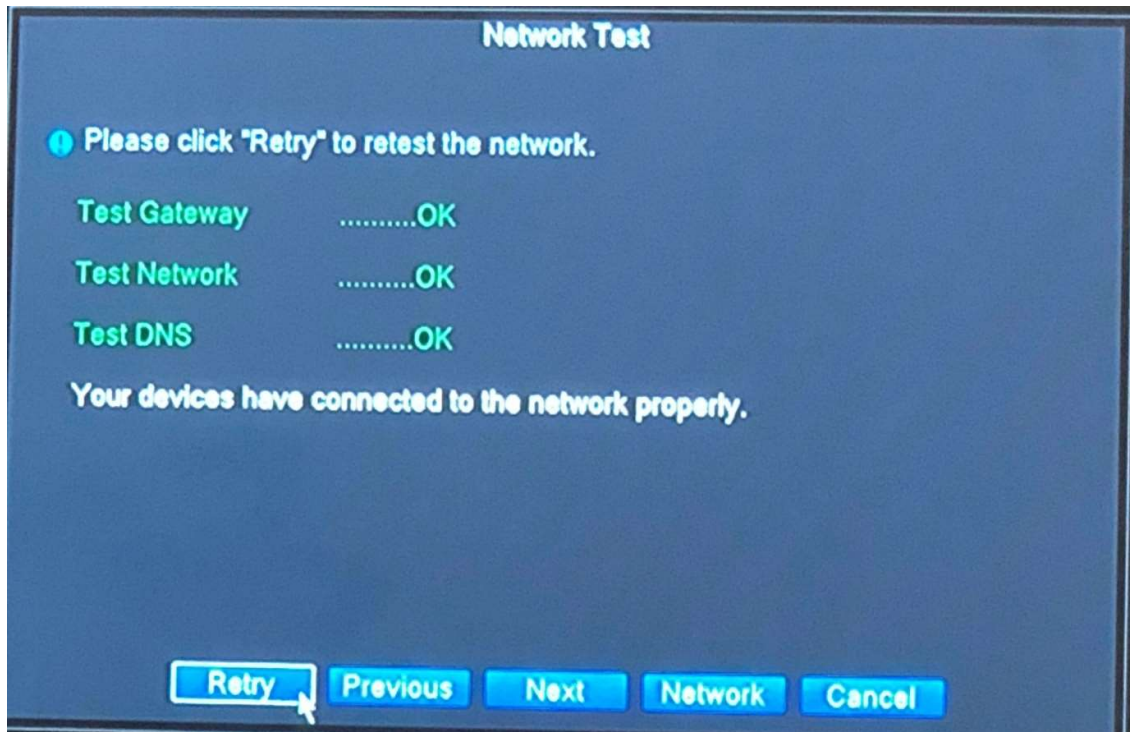


Fig 7: Network Retest Window

Step 13: click on “Next” option once user is added to network.

A window for Install Mobile App will appear which will be an interface for downloading the **HMOB** application on user android phone. Through the installation of the application user can view remotely the recording on his mobile phone.



Fig 8: Install Mobile App

Add devices on your mobile device through cloud login.

Step 14: Click on “Next” option.

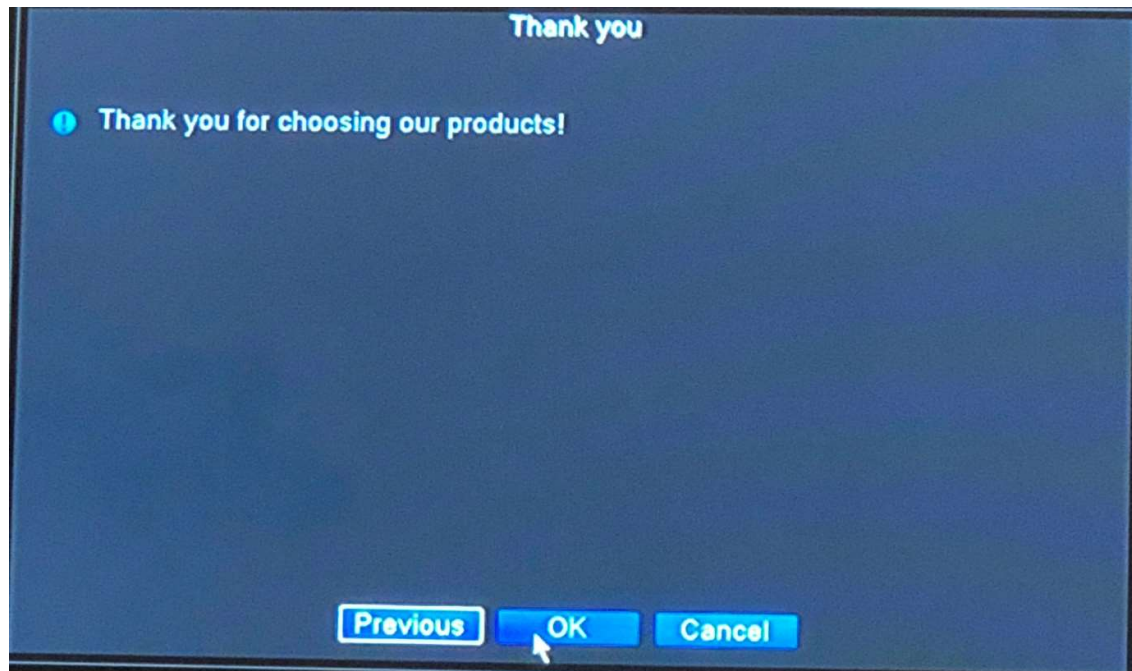


Fig 9: Thank you Window

Step 15: Click “Ok” option.

The product is ready to use. Thank you.

HMOB Application Configure Steps



Once the user installs the mobile application, following steps should be followed:

Step 1: Click on “Register”

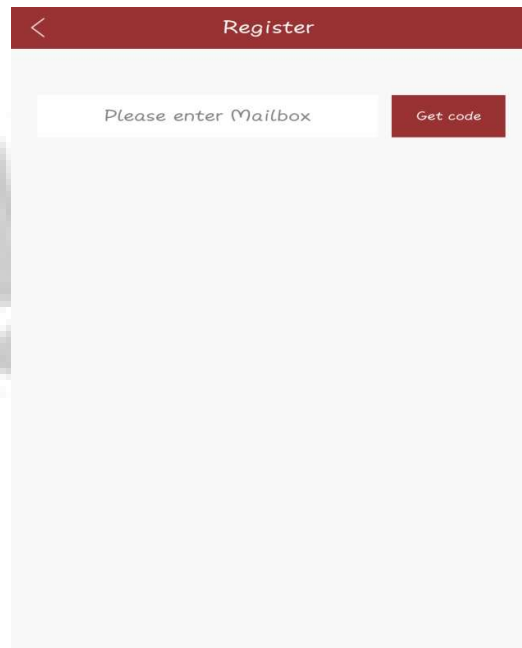


Fig 10: Register Screen

Step 2: Enter a valid email id address. Click on “Get code”. A verification code will be sent to your email address.

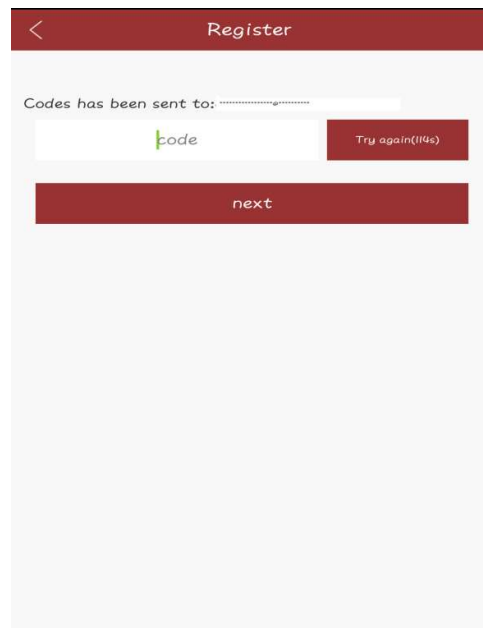


Fig 11: Verification Screen

Step 3: Enter the verification code and click on “Next” option.

Step 4: Create a user id and password for yourself and Click on “Ok”.

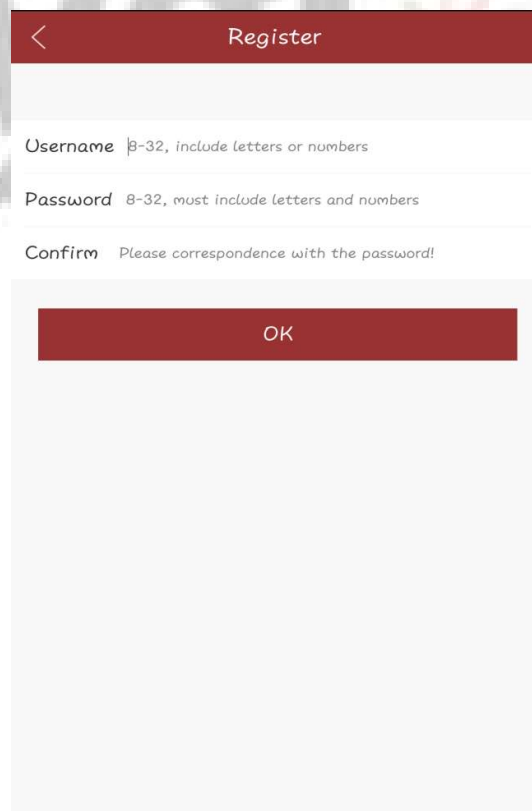


Fig 12: User Create Id

Step 5: Once registered successfully, login with new user id and password in cloud login.

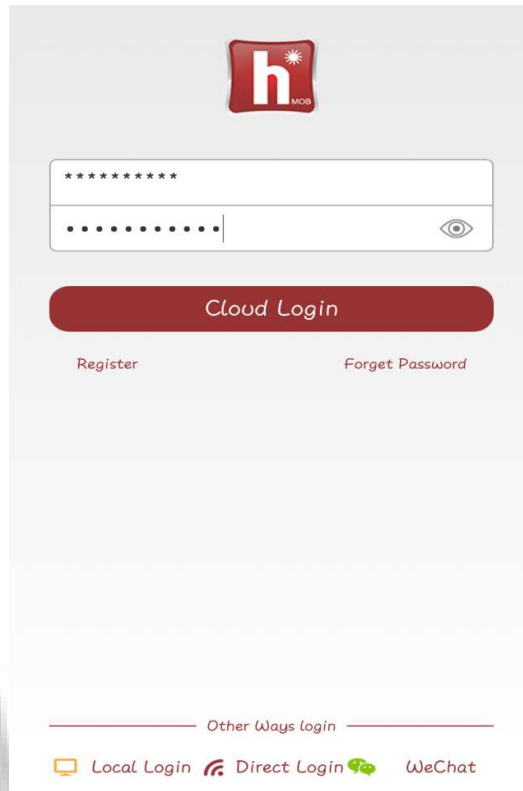


Fig 13: Home page of application

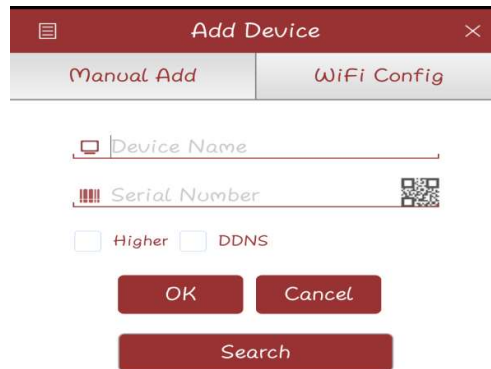
Step 6: Click on “Add Devices”.



i Click "+" to add device
watch the world together

Fig 14: Add Device Screen

Step 7: A window for adding device will be appeared. Enter the device name field and in serial number field scan the QR code from the Mobile App install window.



The screenshot shows a mobile application window titled "Add Device". At the top, there is a red header bar containing a menu icon, the text "Add Device", and a close button. Below the header, there are two tabs: "Manual Add" and "WiFi Config". The "Manual Add" tab is selected. The form contains three input fields: "Device Name" with a camera icon, "Serial Number" with a barcode icon and a QR code scanner icon, and two checkboxes labeled "Higher" and "DDNS". At the bottom of the form, there are three buttons: "OK", "Cancel", and "Search".

Fig 15: Device Configure Screen

Step 8: Click on "Ok" option.

User will be successfully added devices on his mobile phone.