



iCAM-LTE

LTE MODULE FOR ICAM-MOBILEHD ALLOWING UNLIMITED ACCESS FOR PREVIEW, RECORDING AND CONTROL

ver. 1.1

Compatibility

iCAM-LTE is compatible with all versions of iCAM-MobileHD ie.
iCAM-MobileHD Gold,
iCAM-MobileHD Silver,
iCAM-MobileHD Gold-20D,
iCAM-MobileHD Silver-20D.

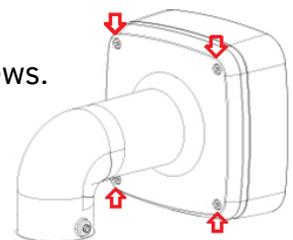
WARNING

Prior to starting up the system, you must obtain a special SIM card that has a public IP address and enables port forwarding. To make this possible you should take out appropriate additional service in contract plans such as "Blueconnect business + DATA option".

In order to activate these services, contact your network operator.

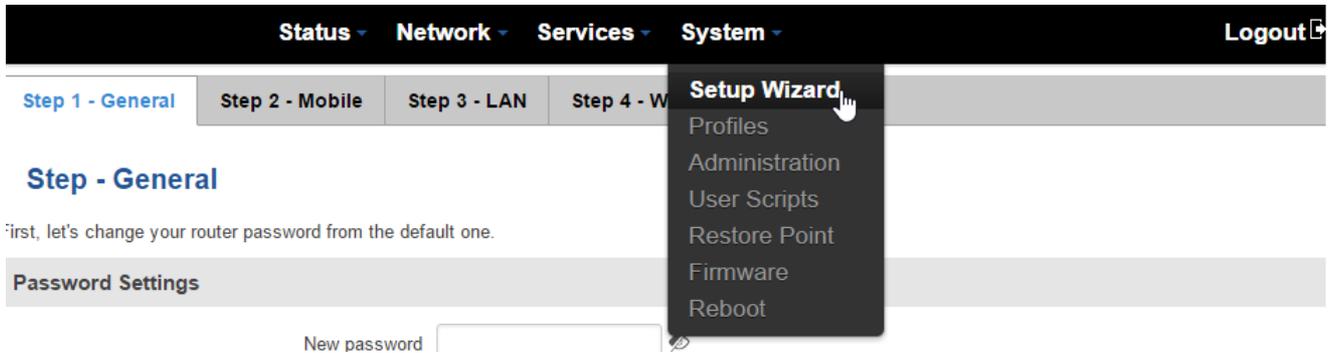
1. Installing the SIM card:

Remove the adapter with the camera by unscrewing the 4 allen screws. This will allow access to the card slot SIM1 and SIM2. After placing the SIM card, attach back to the camera and tighten the screws



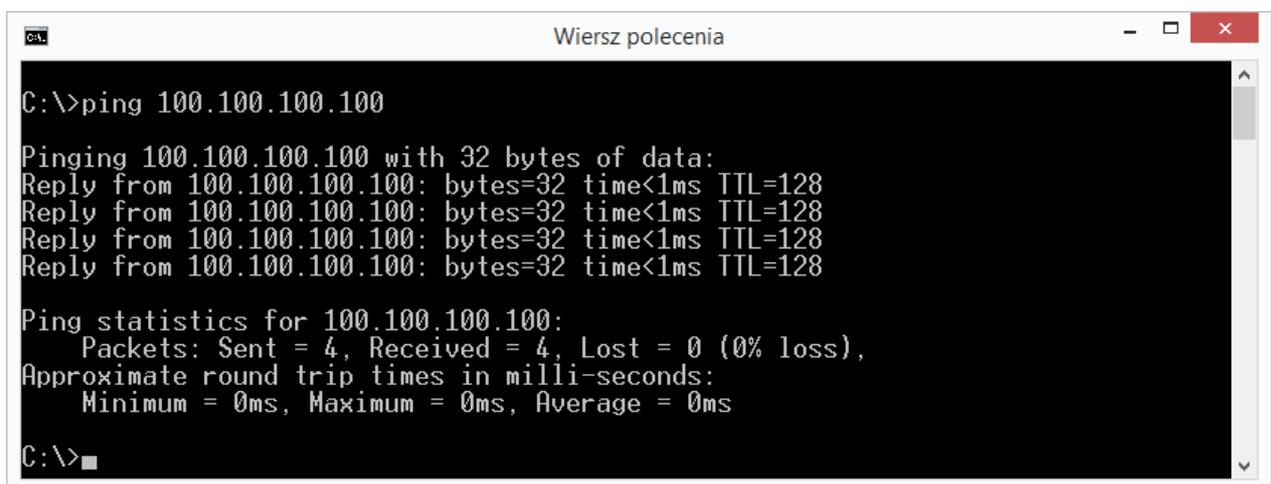
2. Device Configuration

- Start the system iCAM-MobileHD turning the key in the ignition. Connect to the mobile camera connecting to a wireless network (SSID: CAMSAT password: camsat.com).
- Go to the address 192.168.1.1 on your computer and then log in with the username and password
Login: admin
Password: Admin01
- Perform basic configuration of LTE module in the menu System > Setup Wizard. Proceed accordingly with the configuration steps.



3. Check the configuration

After basic configuration, your device will connect to the internet. The **Status> Network> WAN** menu shows the public IP address of our module. If this address matches the IP address listed on the contract with the operator, you can already check the connection by running the ping command (eg **Windows + R> cmd> ping 100.100.100.100 -t**)



If the modem responds to queries we can move on to the next step.

WARNING

Using an invalid access point name will result in using a private IP address instead of the public IP address. Internet access still exists but with an undesired IP address.

If the IP address is different or the connection has not been established, please check configuration settings in **Network> Mobile** menu. Incorrect APN access point name assignment will cause another IP address to be assigned. The correct APN name can be found on the network operator's website.

4. Traffic redirecting

- Go to the **Network> Firewall**, and then Select the **Port Forwarding**.
- Below the table with the redirected port there is an interface for adding new entries.

New Port Forward Rule				
Name	Protocol	External port (s)	Internal IP	Internal port (s)
recorder	TCP	80	192.168.1.188	80
<input type="button" value="Add"/>				
<input type="button" value="Save"/>				

Example configuration:

Name	Protocol	External port	Internal IP	External port	Description
HTTP page	TCP	80	192.168.1.188	80	Web recorder interface
RSTP stream	TCP, UDP	554	192.168.1.188	554	Video recorder preview
Mobile application	TCP, UDP	5050	192.168.1.188	5050	Video preview by mobile applications
HTTP page	TCP	81	192.168.1.108	80	IP cameras Web Interface
RSTP stream	TCP, UDP	8554	192.168.1.108	554	IP camera video preview
LTE	TCP	83	router adress	80	Access to the configuration of LTE

- After adding all the redirecting rules save the settings by clicking Save.

5. Access to the system by the Internet

After proper configuration it will be possible to access the device with a public IP address of the SIM card.

All connected devices should have a configured default gateway in the network configuration to have access to the internet. If we do not have access to the device through a public IP address, make sure that the correct gateway has been entered - the IP address of the router (default 192.168.1.1)

Public IP address is displayed in the menu **Status > Network > WAN**.