

## Firmware Upgrade LUMiMASTER SLC-NOM



## **Configuring Lumimaster for GSM access**

Log in to the LUMiMASTER SLC-NOM through LAN cable. Launch your web browser (Chrome is recommended) and type in the default address 192.168.0.254 and enter.

		× +
÷ >	٢	192.168.0.254
	٩	http://192.168.0.254/ — Visit

If you have a problem with connecting, check the configuration of Internet Protocol Version 4 (TCP/IPv4). IP address and subnet mask must be set according to the this picture.

Protok	ol TCP/IPv4 (Internet Protocol	Version 4) Properties	×						
Gener	al								
You of this of for the	can get IP settings assigned auto capability. Otherwise, you need to ne appropriate IP settings.	matically if your network supports o ask your network administrator							
0	Obtain an IP address automatica	lly							
۲	Use the following IP address:								
IP	address:	192.168.0.150   255.255.255.0							
Su	ibnet mask:								
De	efault gateway:								
	Obtain DNS server address auto	matically							
۲	Use the following DNS server addresses:								
Pr	eferred DNS server:								
Al	ternate DNS server:								
	Validate settings upon exit	Advanced							
		OK Cance	el						

After a successful connection, you see introduction window of Falcon web interface. Click the System configuration button and use login credentials.



First, you can adjust of time zone, date and time in section Timezone&Time in System Tab. After completing box, you confirm with the button Apply.

RTUAdm	in								
System	Network Modern	User management	DDNS	Firewall	HTTP server	Tools +	Journal Oper	nDAF Maintenance	
System :	settings								
lostname		Su	pport VF	N connec	tion		Timezone 8	Time	
Hostname:	falcon	,	Active:	false			Timezone:	Europe/Bratislava	,
	Apply OK	Er	abled:	0				Apply	
				Apply			Date:	15.12.2017	
							Time:	08:52	
								Apply	

Click the Tab Maintanance and check actual version firmware. *Current firmware upgrades can be installed only from version 20160127! If you have an older version of firmware, please contact us at support@seakenergetics.com* 

RTUAdm System	in Network	Modern	User management	DDNS	Firewall	HTTP server	Tools -	Journal	OpenDAF	Maintenance	
Maintena	ance										
Release: 2016 Linux version:	0329										
C Reboot											
C Restart a	pp										
Firmwar	e update										
	File:	Browse.	No file selected.								
Restore	configur	ation									
	File:	Browse. Sübmit	No file selected.								
Linux ke	rnel upd	ate									
	File:	Browse.	No file selected.								
Never power	er off the de	evice while	uploading the linu	x kernell	Wait until	update is con	pletedl T	he board	would becor	me unbootable!	

In section Firmware select a file with the latest firmware update, which you find in installation package and and confirm Submit button. The update will be uploaded in a few minutes.

irmware u	update			
	File:	Browse	firmware-update-20161020.img	ं
				7% Uploading

After successul upload of firmware file, for the correct functionality of Lumimaster, you must also upload a configuration file with the prefix "var" in section Restore Configuration. You can find the default configuration file in the installation package. Confirm upload by Submit button. At the end it is neccessary to upgrade Linux kernel update.

Restoring the default configuration of the LUMiMASTER removes all the preset data and you must configure all the settings (Modem, DDNS, Site, Modulators, Groups, Lights etc.) again. Please copy and save initially settings before restore configuration.

Firmware update <sub>File:</sub>	Browse firmware-update-20161020.img	File uploaded, reboot to apply
Restore configura File:	tion Browse var-20161020.ubifs.sign.img Submit	File uploaded, reboot to apply

Finally, you must also upload file for restore Linux Kernel. You can find the file - ulmage-bios in the installation package.

Linux kernel upda	ate	
File:	Vybrať súbor ulmage-bios0170907.img	Linux kernel updated, takes effect on next boot
	Submit	

After the firmware upgrade, click Reboot (1.) and confirm (2.). Wait within two minutes until the LUMiMASTER's red LED blinks twice and disconnect/reconnect the unit from the power supply.

During all process of firmware upgrade until you reconnect again the LUMiMASTER, it is necessary to be connected via LAN connector.

