4X4X4 DOME Router, Panel Version

INSTALLATION MANUAL

Content of the parcel:

- 4 ea. Antenna-Modem Panel (optionally 4 pairs of mounting brackets) (Our eSIM profile loaded to SIM slot #1. Sim slot #2 is externally accessible for you to insert a physical SIM card.)
- 1 ea. Control-Router
- 4 ea. Data cable 2.0m (USB3.1) to connect the panels to the control router (please use the blue USB3 ports, not the black USB2 ports. The latter are for support purposes only.)
- 1 ea. PSU AC (110..240V, 140W) to 12V/ 10A DC (in case you don't have DC available in the existing dome), including 1 ea. Power cable EU to IEC13.

The dimensions of the panels are: 300 x 145 x 31 mm.
Control Router: 220x170x76mm (mounted flat in the dome's base).

When you install:

Please make sure that the panels are attached to the inner sides of your dome in the upright position (vertically or horizontally). Before permanently fixing the mounting brackets/ panels please check that the distance doesn't exceed the cable's length.

Note: Do not use any metal parts (e.g. screws or bolts) to fix the panels - this would interfere with the RF path.

Please see a picture showing an installation inside a dome attached. Here is a video as well so you can get an idea:

https://youtu.be/M_Rhf0lbVcQ

Note: The system will power up automatically, once AC or DC connected.

Ethernet-Port configuration:

Note: There is no DHCP enabled. Please use static IP assignment for your laptop and border router/firewall

ETH0

(left most one, marked in Yellow)
IP: 172.20.70.1/24 (net mask 255.255.255.0)
Please connect this one to your ship's firewall/ network

ETH1

(right most one)
IP: 10.10.100.253/24 (net mask 255.255.255.0).
This one is meant for support purposes only.

Access to the Dome's UI (user interface):

url: http://172.20.70.1 (assuming you are connected via ETH0)
username: shipadmin
password: ship

UI manual:

UI -> SETTINGS -> User interface manual.

Regional and carrier specific Firmware selection (US only):

UI -> SETTINGS -> Advanced.
Generic (preset) is working almost everywhere.
Some US cards will require swapping to carrier specific firmware.

Carrier, Data Mode and APN selection:

UI -> SETTINGS -> Router Configuration.
Most of the time "automatic" is the best choice.
If you want to force differently, please disable automatic (toggle button) and make your choice.