

# iCombinerAmp<sup>iC6-MIMO</sup>

Control and monitor your CombinerAmp through the cloud



Amplify GSM , H+, 4G, 5G\*

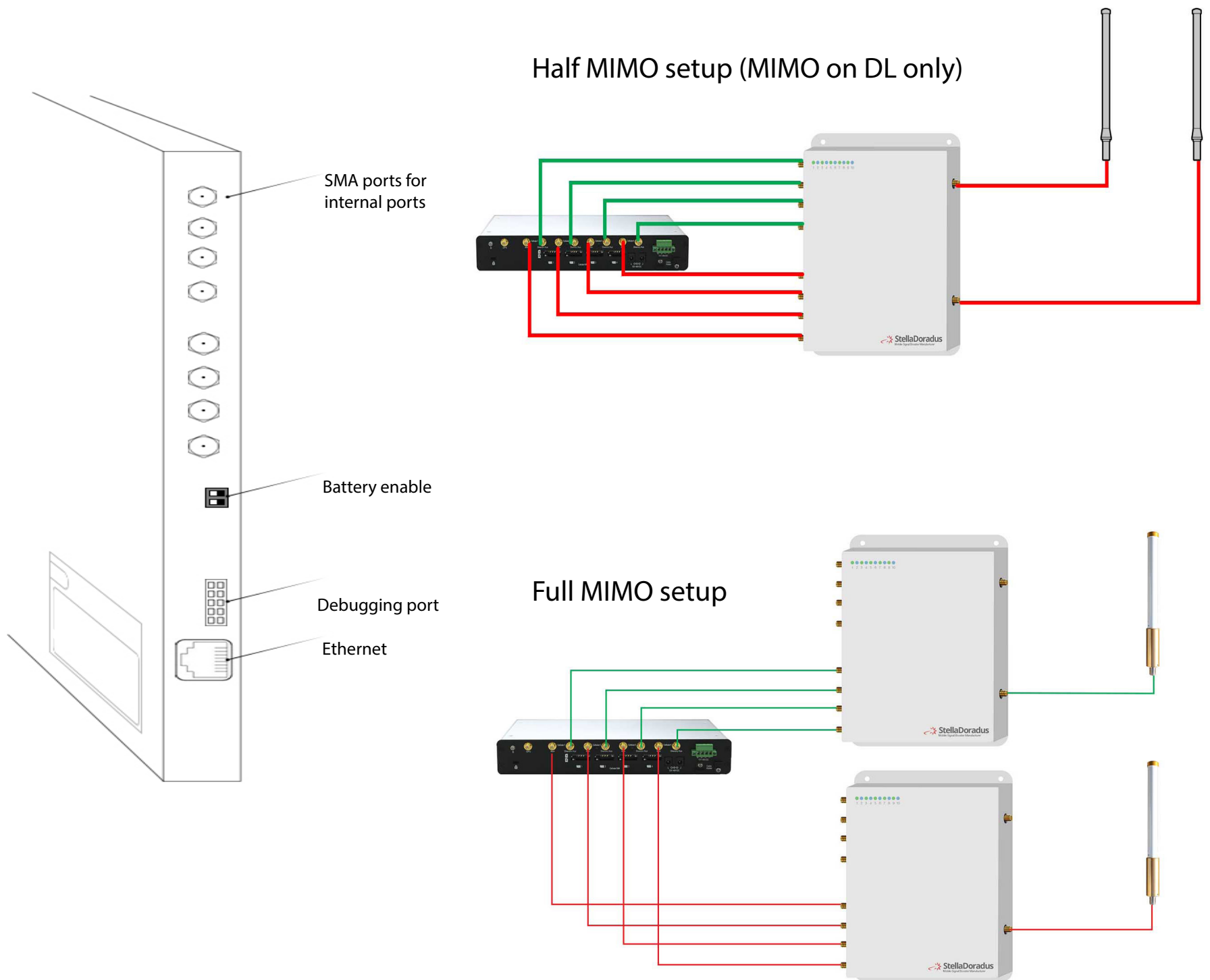
Cloud monitoring and control

Touch screen interface

700/800/900/1800/2100/2600Mhz

\*Many operators transmit 5G at 700MHz

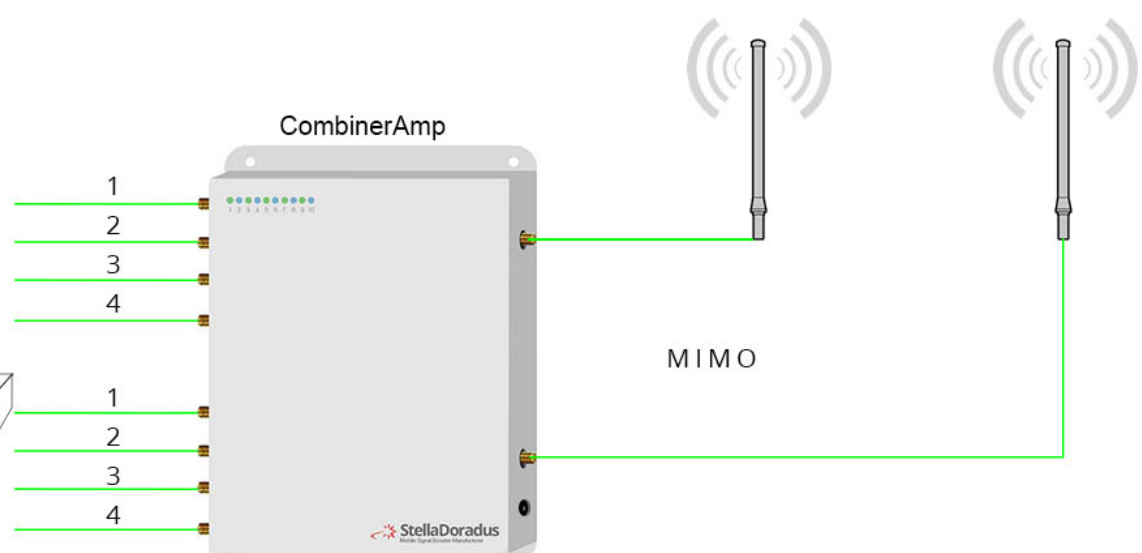
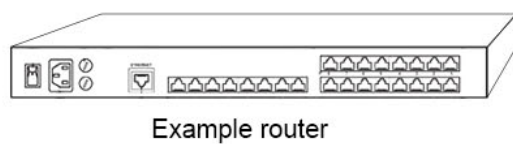
## Diagrams



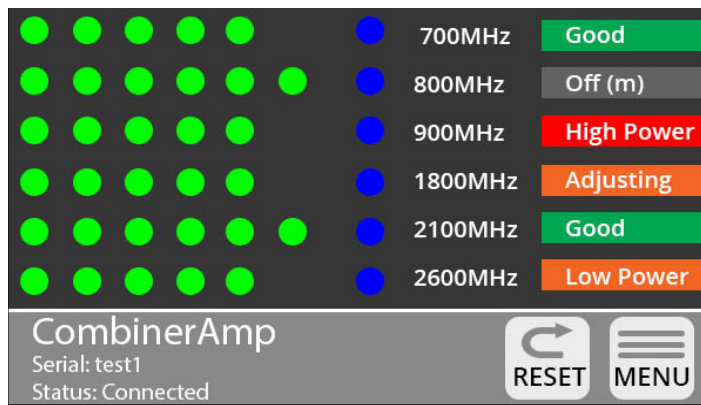
## GSM/3G/4G routers

Cisco  
HP  
Asus  
Huawei  
Siemens  
Virtual Access.

Viprinet  
Peplink  
TP-Link  
Teltonika  
Passari



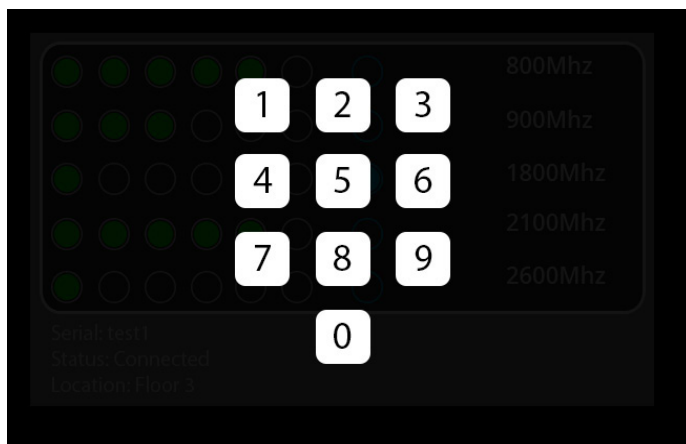
# TouchScreen LCD Panel



Main page:

Green signal LEDs = downlink signal strength .

Blue LED = Uplink switch on

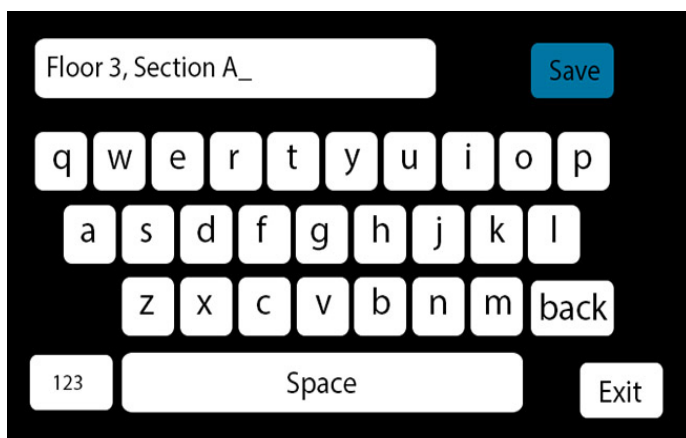


Set up pins:

Admin , installer, user pin code

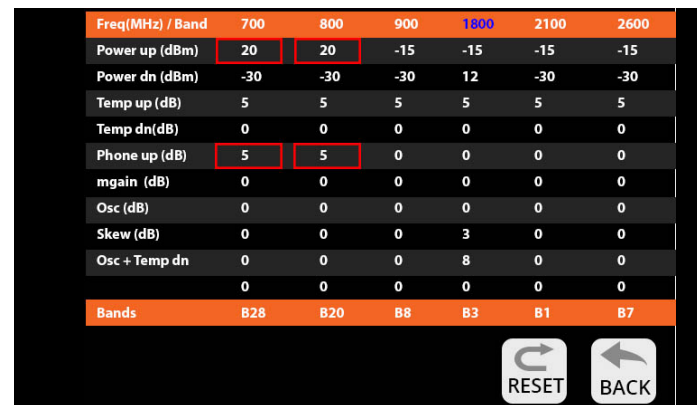
Different levels of access

Default access pin is: 8888



Print Location of device.

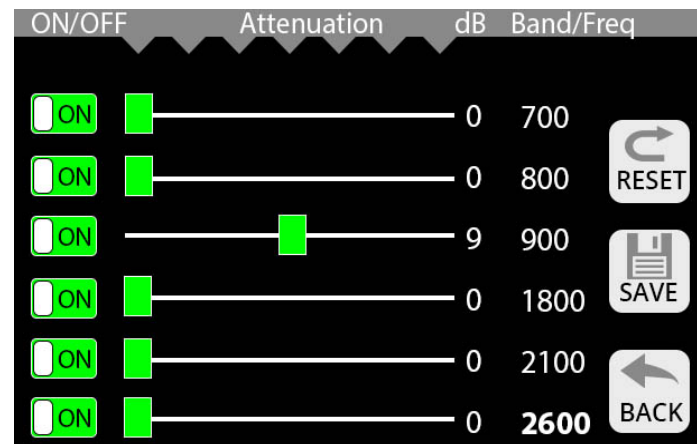
Print the location of the device in the ship. This information will then be seen on the online dashboard.



Decibel page:

See the internal dB values in the device.

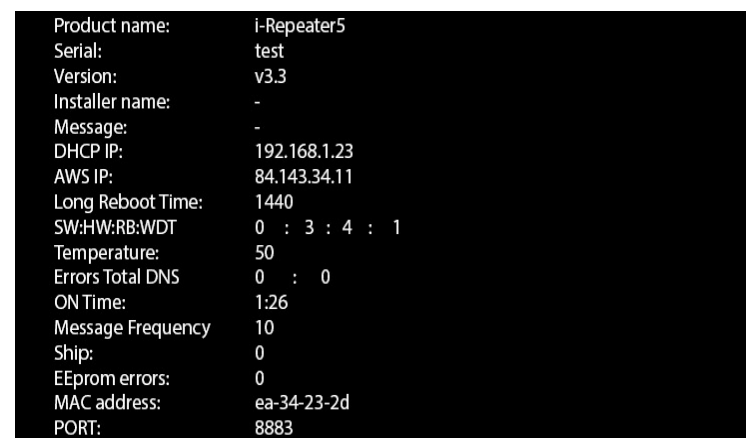
Useful for indepth diagnostics.



Control page:

Switch on / off bands

Attenuate bands



Info page:

Data about the device.

# Online Dashboard Panel

Login to:

**www.stellacontrol.com**

- 1) Create a new building/ship and add your new device(s) to your new building/ship.
- 2) Now you can monitor and control all your buildngs/ships/vehicles and devices.

Devices

of «The big Hotel»

Test Organization

(876410)

INSTALLER

Buildings

Stock devices 4

Search

Management

Profile

Logout test\_installer

<

This image shows several devices installed in “the big hotel”, all being monitored

## Alerts:

- Get alerted by email if there is any issues with your devices.

## Remote Control from any computer/ phone:

- Switch On/Off, individual bands of any repeater.
- Switch off RF for one or all devices in a building.
- Attenuate individual bands in any repeater by up to 18dB's.

## Monitor:

- Up/Downlink Power
- Up/Downlink Gains
- Up/Downlink AGC
- Up/Downlink Oscillations/feedback
- Temperature on PCB board

# Specification



Model number:	C6-VLGDWH
Frequency	700/800/900/1800/2100/2600
Remote monitoring:	Yes

## Frequency Specifications:

Frequency bands(Mhz):	(703-788) + (791-862) + (880-960) + (1710-1880) + (1.92-2.17) + (2500-2690)	
Gain:	Uplink Gp > 20dB	Downlink Gp> 20dB
Pass band ripple:	< 4dB	
I/O impedance:	50 ohm/SMA female connector	
Max uplink/downlink signal strength:	27dBm / -25dBm	
Ambient Temperature:	-30°C to +70°C	
Power supply input:	110 - 240V AC	
Power supply output:	12v DC	
Oscillation Control	Automatic	
Level Control:	Automatic*	
Uplink Switch Off	Yes**	
AGC Range	30db	
Surge protection	SMA connectors DC grounded, 12V DC port MOV protected	

## Power Supply Specification:

AC	100-240V	50-60Hz
DC input	12V	7A
Typical power usage		84W

## Mechanical Specification:

Length	41cm
Width	30.6cm
Depth	4.7cm
Weight	2kg
Mounting	6 x 5mm holes for mounting

\* Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between basestation and outdoor antenna.

\*\* The up-link amplifiers switch off when the repeater is not in use. This reduces the uplink noise to almost zero. When the repeater is in use (eg. phone call being made), the up-link amplifier switches on for the duration of the call and a blue LED switches on indicating this is the case.

Note: Specifications subject to change without notice.