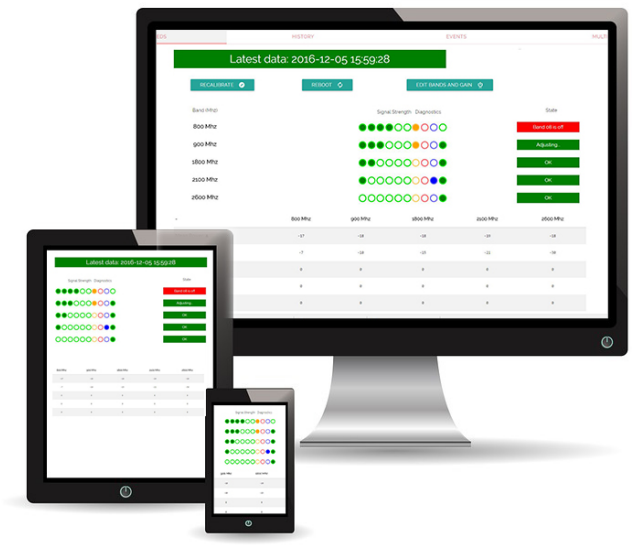
CombinerAmp C6

Control and monitor your CombinerAmp through the cloud



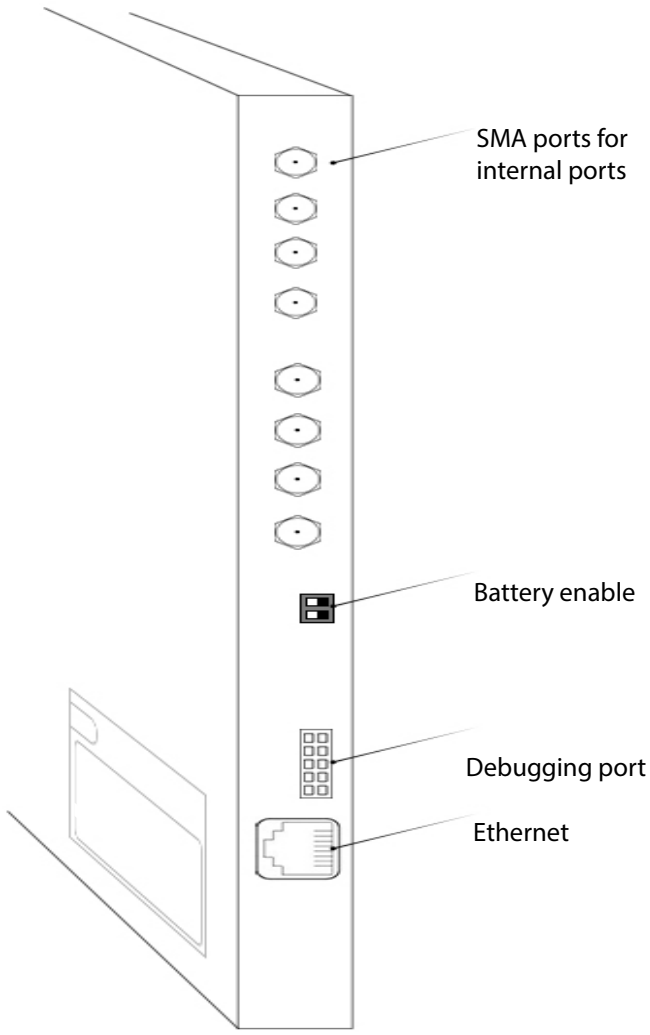
Amplify GSM , H+, 4G

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

Cloud monitoring and control

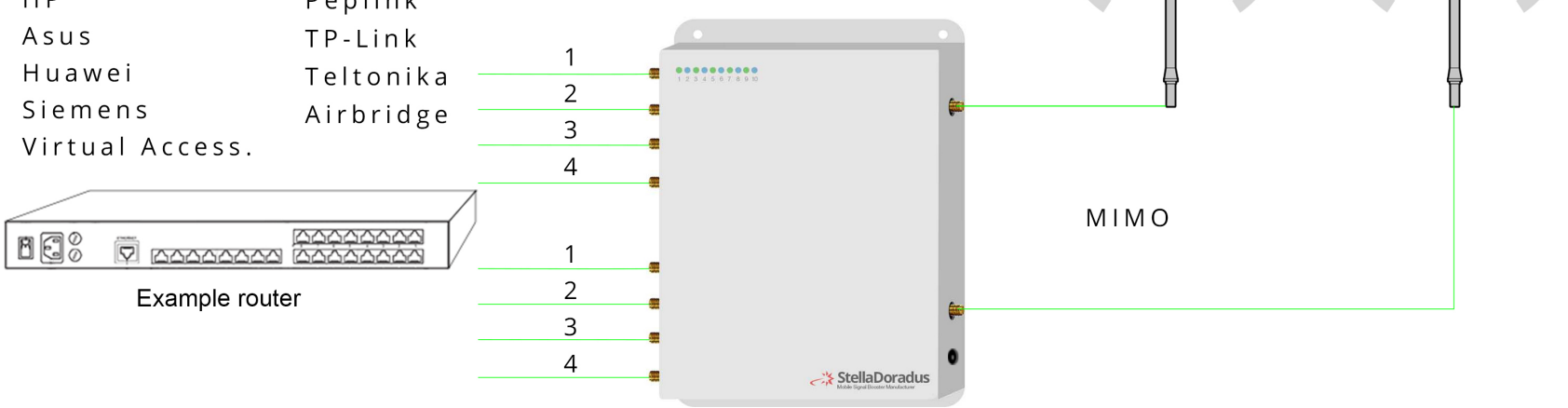
Touch screen interface

Diagrams

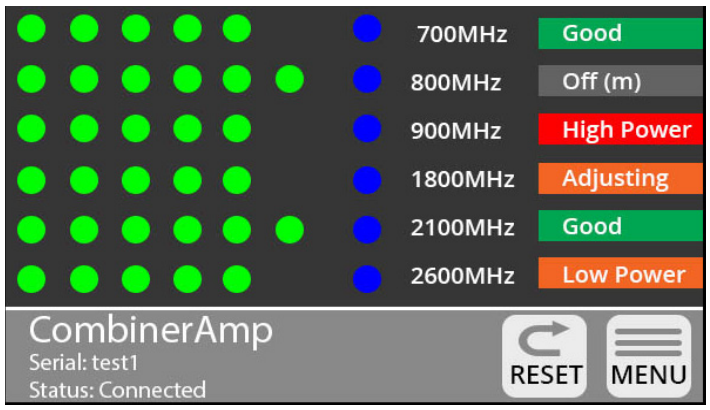


GSM/3G/4G routers

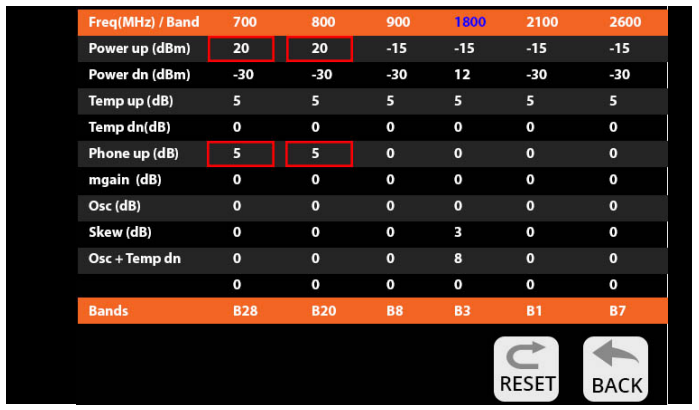
Cisco
HP
Asus
Huawei
Siemens
Virtual Access.
Viprinet
Peplink
TP-Link
Teltonika
Airbridge



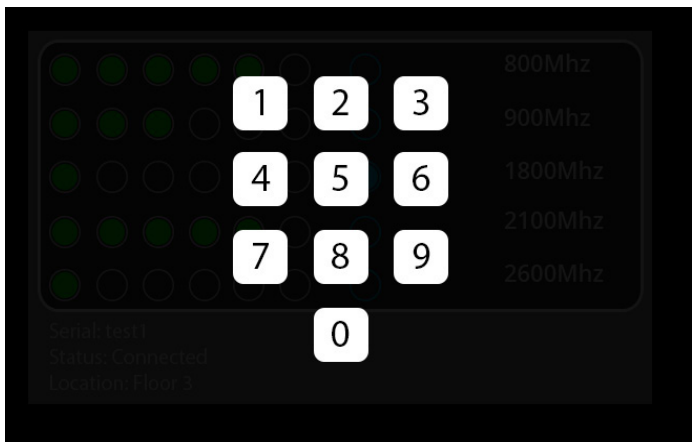
TouchScreen LCD Panel



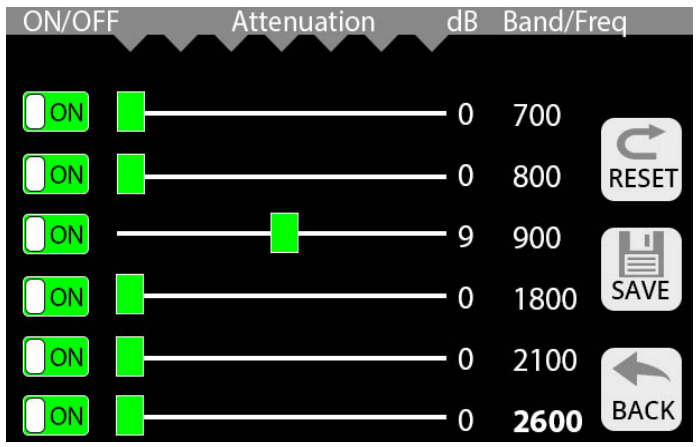
Main page:
Green signal LEDs = downlink signal strength .
Blue LED = Uplink switch on



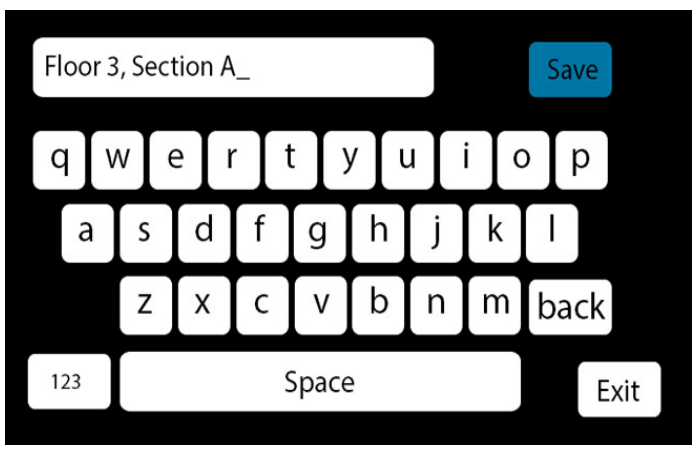
Decibel page:
See the internal dB values in the device.
Useful for indepth diagnostics.



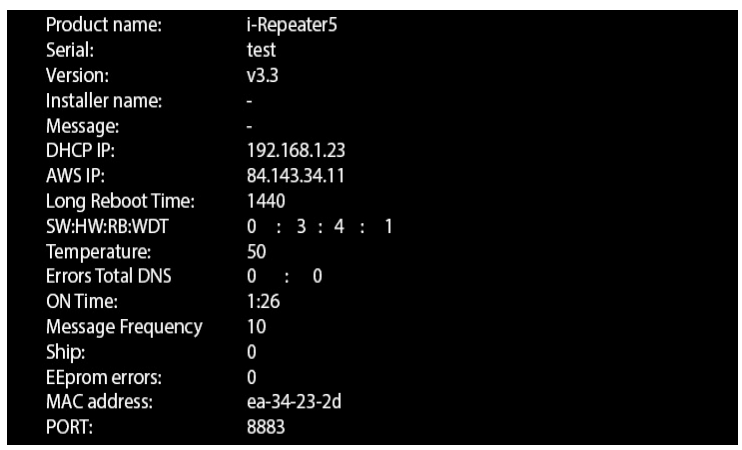
Set up pins:
Admin , installer, user pin code
Different levels of access
Default access pin is: 8888



Control page:
Switch on / off bands
Attenuate bands



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



Info page:
Data about the device.

Online Dashboard Panel

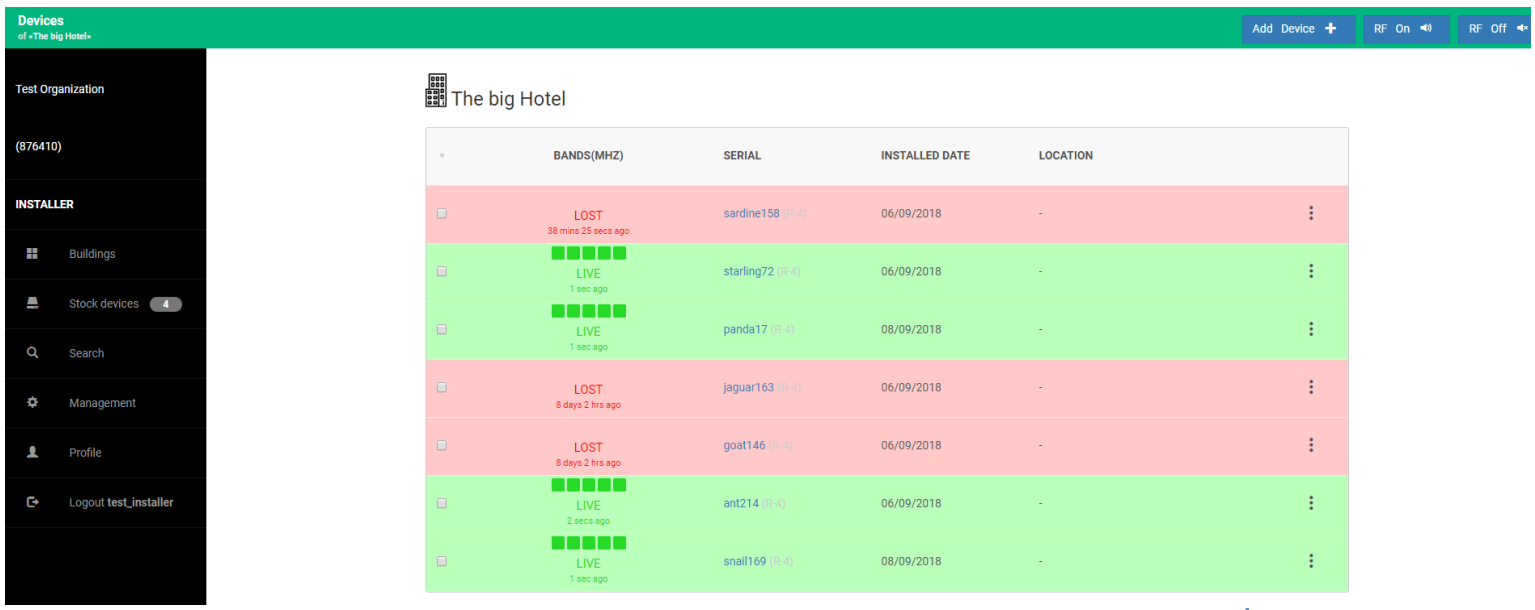
Login to:

www.stellacontrol.com

1) Register your new device to your account by “adding new device”.

2) Create a new building/ship and link your new device(s) to your new building/ship.

3) Now you can monitor and control all your buildngs and devices.



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.