

NanoVIP® BOX™



www.elcontrol-energy.net



NanoVIP® BOX™

THE HARDWARE PLATFORM



NanoVIP® CUBE™ platform

- NanoVIP® BOX™ inherits the technical platform of NanoVIP® CUBE™
 - Reliable
 - Price competitive
 - Battery autonomy over 24h
 - Wide range of measurements
 - Full Power Quality analysis



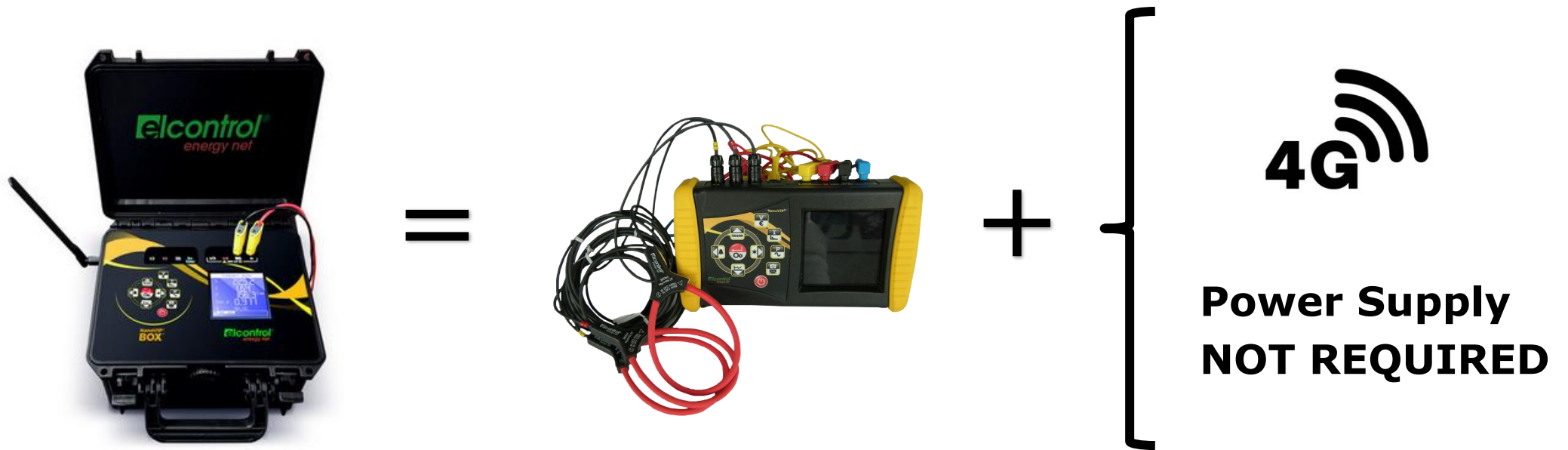
NanoVIP® CUBE™ platform

- NanoVIP® CUBE™ **Power Quality analysis:**
 - **8 different electrical systems:** single phase, two phase, three phase balanced or unbalanced, 3 or 4 leads, UPS3-3, UPS3-1.
 - All standard TRMS values: V, I, P, Q, A, F, PF, THDI%, THDV%..
 - Minimum, average and maximum instant values on 4 quadrants (absorbed and generated)
 - **Harmonics up to 50th** order on all 7 channels
 - Interruptions, micro-interruptions, dips, swells
 - **EN50160 test** (reference norm for Power Quality)
 - Full Power Quality analysis
 - **Event logs** (5 alarms, 5 dips, 5 swells, 5 interruptions)
 - Analysis available on three phases and on each single phase



NanoVIP® CUBE™ platform

- NanoVIP® BOX™ extends NanoVIP® CUBE™ with **4G connectivity** and **self powering** capability



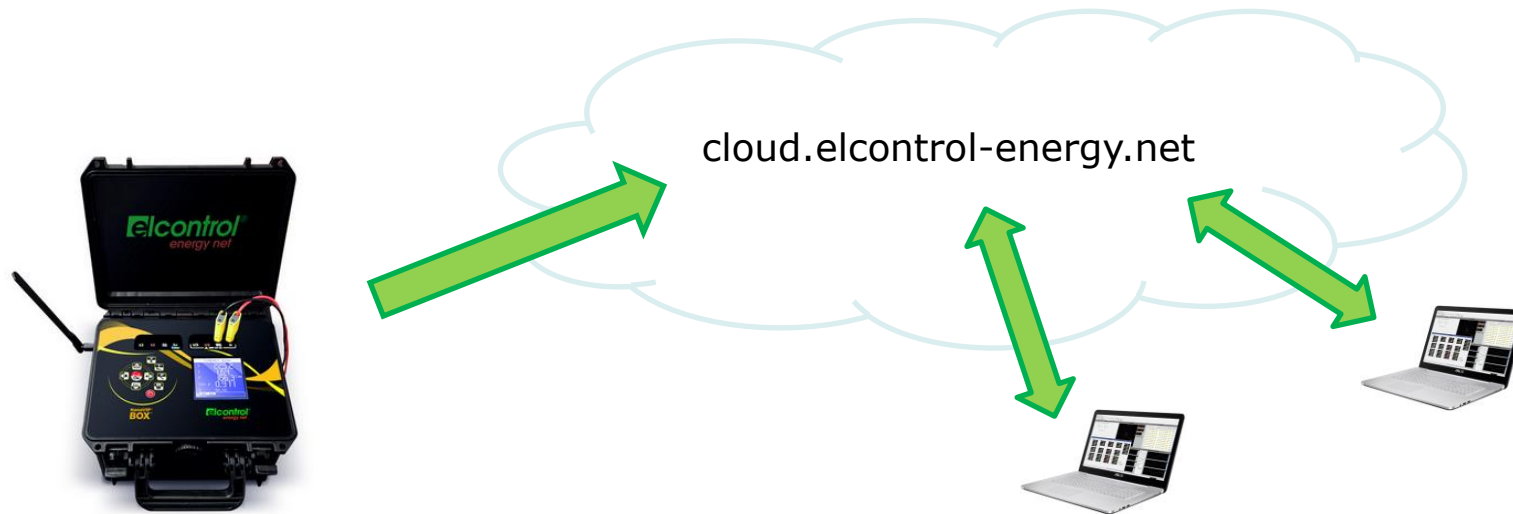
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BOX MODES AND FEATURES



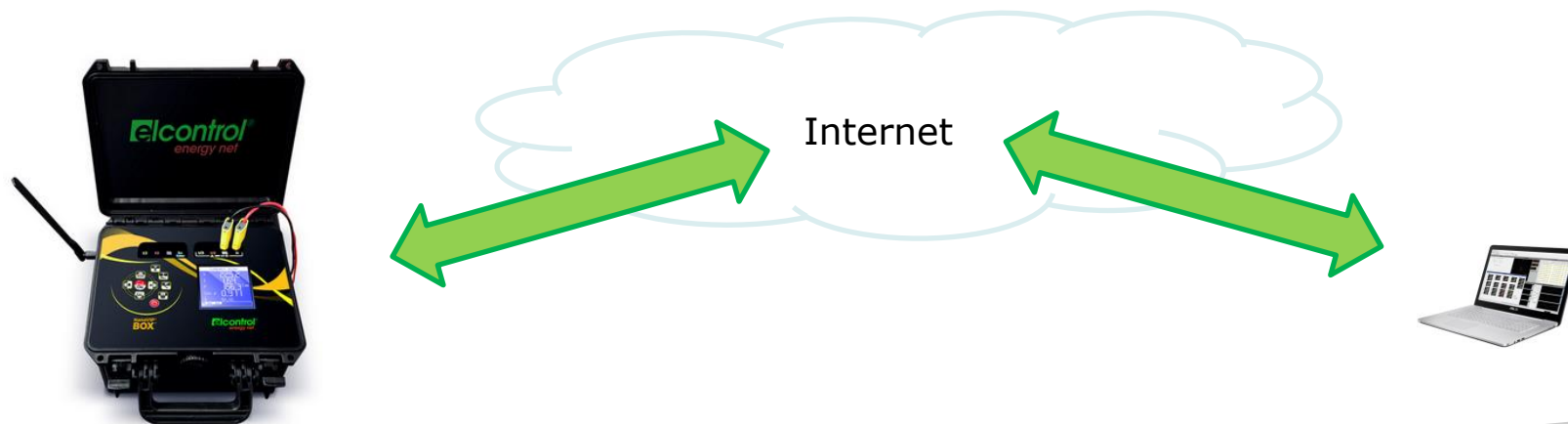
PUSH MODE

- NanoVIP® BOX™ can connect to an available 4G network
- NanoVIP® BOX™ will then push data to Elcontrol Cloud Server
- Data can be read through Elcontrol Cloud site



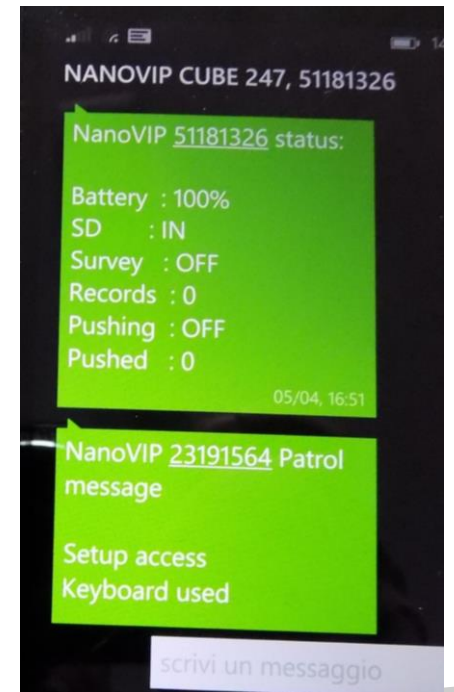
REMOTE MODE

- NanoVIP® BOX™ can connect to an available 4G network
- NanoVIP® BOX™ can be then automatically reached through internet via NanoRemote™
- NanoVIP® can be **fully driven** from remote
- No network setups are required



SMS Features (From NanoVIP)

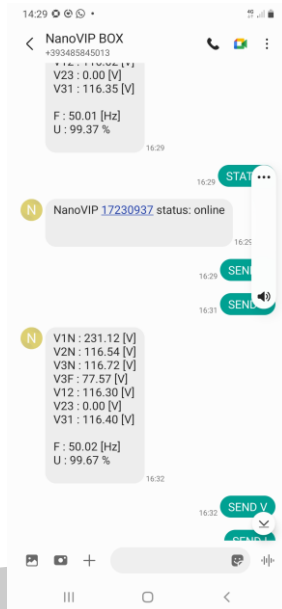
- NanoVIP® BOX™ can send SMS directly to user mobile phone:
 - A **daily report** of device status
 - **Alarm info**: once an alarm triggers, SMS is sent
 - Patrol message if **any event happens** on device side: battery decrease, setup change, keyboard touched, SD extracted etc.



SMS Features (To NanoVIP)

- NanoVIP® BOX™ can receive several SMS **commands** from user mobile phone, like:
 - **Start, Stop and download surveys**
 - Setup settings
 - Change of mode: **PUSH, REMOTE** etc.
 - Start/Stop pushing to cloud

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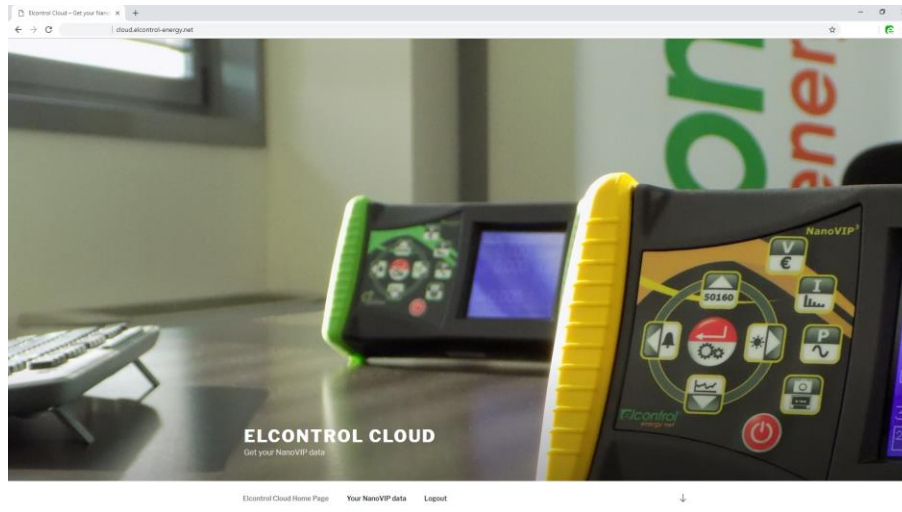
NanoVIP® BOX™

ELCONTROL CLOUD
cloud.elcontrol-energy.net



cloud.elcontrol-energy.net

- Available for free for all NanoVIP® owners
- Suitable for all NanoVIP®
- You can monitor your remote NanoVIP devices status wherever

A screenshot of a web browser showing the data monitoring page for a NanoVIP device. The page title is "Your NanoVIP data" and the URL is "cloud.elcontrol-energy.net/nanovip-data/". The page displays a table of data for a specific NanoVIP device with serial number 02170918. The table has columns for timestamp, serial, Vrms, Irms, PF, P, S, Q, and Freq. The data is sorted by timestamp in descending order.

timestamp	serial	Vrms	Irms	PF	P	S	Q	Freq
2018-10-02 18:03:03	02170918	336.5	0.698628	0.75872	178.366	235.089	-153.141	50.04
2018-08-07 15:22:41	02170918	340.749	0.701968	0.747538	178.807	239.195	-158.877	50.0033
2018-08-07 15:22:41	02170918	340.333	0.702903	0.756966	181.082	239.221	-156.32	50.04
2018-08-07 15:22:41	02170918	340.565	0.701701	0.751924	179.691	238.975	-157.544	50.02
2018-08-07 15:22:41	02170918	340.42	0.706142	0.749523	180.174	240.385	-159.129	50
2018-08-07 15:22:41	02170918	340.133	0.700183	0.752644	179.246	238.155	-156.808	50.0067
2018-08-07 15:22:41	02170918	341.156	0.708726	0.752132	181.855	241.786	-159.34	50.03
2018-08-07 15:22:41	02170918	341.146	0.70936	0.757676	183.354	241.995	-157.933	50.0133
2018-08-07 15:22:41	02170918	341.211	0.68436	0.741905	173.243	233.511	-156.571	49.9933
2018-08-07 15:22:41	02170918	341.325	0.706107	0.755789	182.154	241.012	-157.819	50.0033
2018-08-07 15:22:41	02170918	341.118	0.707404	0.752514	181.588	241.308	-158.92	50.0133
2018-08-07 15:22:41	02170918	340.818	0.701761	0.756179	180.857	239.173	-156.506	50.03
2018-08-07 15:22:41	02170918	340.659	0.70172	0.756979	180.954	239.047	-156.203	49.9833
2018-08-07 15:22:41	02170918	340.79	0.705425	0.756334	181.824	240.402	-157.267	50.0133



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October 2023