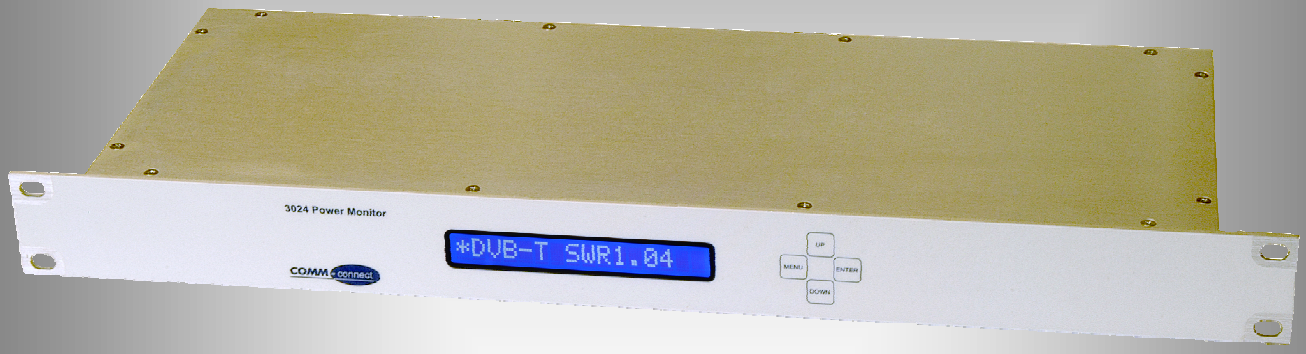
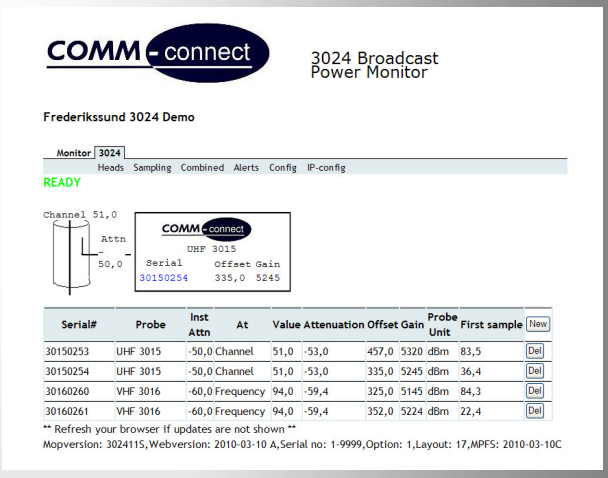
WEB Broadcast Power Monitor

Type 3024



The COMM-connect 3024 Broadcast Power Monitor can control up to 8 external RF Measuring heads. The high dynamic range with external couplers and RF measuring heads cover from 1W to 1MW. The Power conversion algorithms handles multi carrier, multi mode, peak, average and RMS signals. The power readout is auto scaled and VSWR can be calculated between any probes. Also the measured and calculated results along with alarms can be shown in the local LCD. The instrument has SNMP support to allow network management. The instrument can be configured for VSWR and Power limits to give alarms. The alarms can be configured to operate relay drivers or isolated Optocouplers. The alarms can also be configured as SNMP traps sending relevant information to the network control center or sending an e-mail. All values are logged and time stamped to a USB stick every minute. The COMM-connect 3024 WEB enabled Power Monitor gives an unlimited number of application to monitor and control the last part of your RF network installation from transmitters to the antenna.


3024 Broadcast Power Monitor

Frederikssund 3024 Demo

Monitor 3024

Heads Sampling Combined Alerts Config IP-config

READY

Channel 51,0

Attn 50,0

UHF 3015

Serial 30150254 Offset 335,0 Gain 5245

Serial#	Probe	Inst Attn	At	Value	Attenuation	Offset	Gain	Probe Unit	First sample	New
30150253	UHF 3015	-50,0	Channel	51,0	-53,0	457,0	5320	dBm	83,5	Del
30150254	UHF 3015	-50,0	Channel	51,0	-53,0	335,0	5245	dBm	36,4	Del
30160260	VHF 3016	-60,0	Frequency	94,0	-59,4	325,0	5145	dBm	84,3	Del
30160261	VHF 3016	-60,0	Frequency	94,0	-59,4	352,0	5224	dBm	22,4	Del

** Refresh your browser if updates are not shown **

Mopversion: 3024115, Webversion: 2010-03-10 A, Serial no: 1-9999, Option: 1, Layout: 17, MPFS: 2010-03-10C

Applications / Features:

- Site control
- Fast access to site data
- Cost effective site management
- Full network control
- Web management tool
- Data logging
- Early warning on Combiner, Cable or Antenna failure
- SNMP

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WEB Broadcast Power Monitor

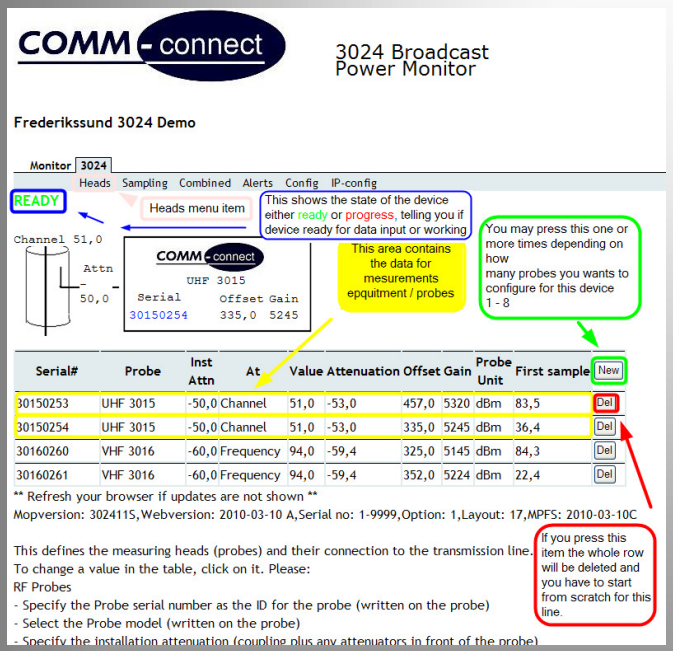
Type 3024

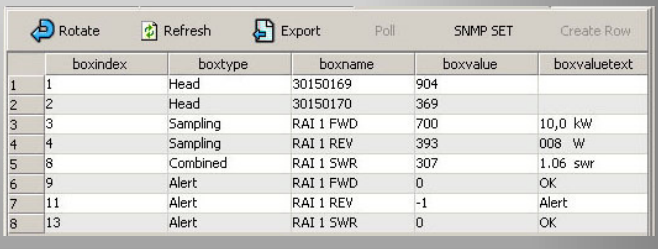
Functions:

- Measure Forward and Reflected Power
- Measure correct RMS Power
- Calculate VSWR
- 1-line display (rotating values)
- Display Power and VSWR
- WEB display:
  - Power
  - VSWR
  - Alarms
- SNMP with traps
- Cost effective
- High accuracy
- Digital out
- Opto out
- RS-232
- Ethernet
- Web manager tool
- Analog out (Moving coil meter)

Specifications:

Frequency range:	10MHz til 2500MHz
VSWR range:	1:1 - 9:1
Power range:	1 W to 10 MW
Max. probes:	8
Power meas. modes:	RMS, Peak sync, Frame Average
Ethernet:	Fixed IP address or DHCP
Protocol:	TCP, UDP, HTTP, FTP
Reporting:	SNMP, E-mail
Configuration:	Web Manager tool
RS232 i/f speed:	9600BpS
Data logging:	USB or SNMP
Digital output type:	Open collector
Digital input type:	TTL 5 V
Enclosure:	19" 1U
Power supply:	100 V to 240 V AC
Temperature range:	0° C to 50° C





	boxindex	boxtype	boxname	boxvalue	boxvaluetext
1	1	Head	30150169	904	
2	2	Head	30150170	369	
3	3	Sampling	RAI 1 FWD	700	10,0 kW
4	4	Sampling	RAI 1 REV	393	008 W
5	8	Combined	RAI 1 SWR	307	1.06 swr
6	9	Alert	RAI 1 FWD	0	OK
7	11	Alert	RAI 1 REV	-1	Alert
8	13	Alert	RAI 1 SWR	0	OK

Manufacturer:

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Web: www.comm-connect.com

Rev. 1, 09/2013

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