



# SPECTRAN<sup>®</sup> V6

— BEYOND REALTIME —

## PRICE LIST

SPECTRAN V6 CC



## Real-Time Spectrum Analyzer Command Center

245 MHz RTBW | 10 MHz – 8 GHz



Gewerbegebiet Aaronia AG II, DE-54597 Strickscheid  
Tel.: +49(0)6556-900310 Fax: +49(0)6556-900319  
www.aaronia.com E-Mail: mail@aaronia.de



MADE IN GERMANY

**AARONIA AG**  
WWW.AARONIA.DE

# SPECTRAN® V6 Command Center



## Main Units

| Art. #  | Item                                       | RTBW                             | I/Os        | Price       | Shop |
|---------|--------------------------------------------|----------------------------------|-------------|-------------|------|
| 102/016 | SPECTRAN V6 CC (10 MHz – 8 GHz)            | 160 MHz Rx                       | 1xRx        | € 24.980,00 |      |
| 102/017 | SPECTRAN V6 CC PRO (10 MHz – 8 GHz)        | 320/490 MHz Rx<br>320/490 MHz Tx | 4xRx & 2xTx | € 34.980,00 |      |
| 102/018 | SPECTRAN V6 CC ENTERPRISE (10 MHz – 8 GHz) | 640/980 MHz Rx<br>640/980 MHz Tx | 8xRx & 4xTx | € 59.980,00 |      |

\*There are export restrictions for devices above 160 MHz real-time bandwidth



## Hardware Options

| Art. #  | Item                                    | Price      | Shop |
|---------|-----------------------------------------|------------|------|
| 112/006 | 245MHz RTBW Rx (RSA500C0-11 only)       | € 2.998,00 |      |
| 112/009 | 245 MHz Tx Expansion (RSA500C0-11 only) | € 1.498,00 |      |
| 112/003 | Ultra Low Noise Preamp *                | € 498,00   |      |
| 112/002 | OCXO Timebase (5ppb) *                  | € 1.498,00 |      |
| 112/004 | Extended temperature range *            | € 998,00   |      |
| 112/010 | 8 GHz Extension WiFi 6E                 | € 498,00   |      |

\*The required quantity depends on the version



## Warranty Extensions (Applies to all devices and antennas)

|       |                                                                                 |                    |
|-------|---------------------------------------------------------------------------------|--------------------|
| WA-3Y | 3 years extended warranty / For your device including options and accessories * | 8% of total price  |
| WA-4Y | 4 years extended warranty / For your device including options and accessories * | 16% of total price |
| WA-5Y | 5 years extended warranty / For your device including options and accessories * | 30% of total price |

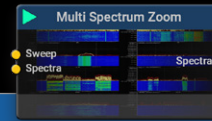
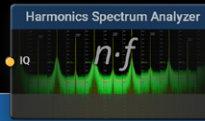
\* Excluding internal batteries, external batteries and battery packs

# Additional Devices



| Additional Devices |                                                            |            |      |
|--------------------|------------------------------------------------------------|------------|------|
| Art. #             | Item                                                       | Price      | Shop |
| 503/032            | 4-Way Splitter / Combiner                                  | € 998,00   |      |
| 502/017            | Coupler                                                    | € 2.498,00 |      |
| 503/033            | S-Parameter Kit (Coupler & Pair of High Quality SMA cable) | € 3.498,00 |      |

# RTSA-Suite PRO Add-ons



| RTSA-Suite PRO Blocks |                                     |              |      |
|-----------------------|-------------------------------------|--------------|------|
| Art. #                | Item                                | Price        | Shop |
| <b>NEW</b> 122/040    | Spectrum Notch Filter               | € 4.998,00   |      |
| <b>NEW</b> 122/041    | Spectral Background Mask            | € 9.998,00   |      |
| <b>NEW</b> 122/043    | IQ Direction Power Spectrum         | € 4.998,00   |      |
| <b>NEW</b> 122/042    | Stream Portal                       | € 9.998,00   |      |
| <b>NEW</b> 122/035    | RF Drive Test                       | € 14.980,00  |      |
| 122/017               | IQ Pulse Inspector                  | € 24.998,00  |      |
| 122/003               | Frequency Range Follower            | € 24.980,00  |      |
| 122/015               | Multi Stream Logger                 | € 9.998,00   |      |
| 122/014               | Multi Spectrum Zoom                 | € 29.980,00  |      |
| 122/031               | Spectrum Stitcher                   | € 4.998,00   |      |
| 122-038               | Spectran V6 Tracking Generator      | € 2.498,00   |      |
| 122/029               | Tektronix RSA Spectrum Analyzer     | € 2.498,00   |      |
| 122/028               | RF SP4T Switch                      | € 498,00     |      |
| 122/008               | NRQ6 Power Sensor                   | € 1.498,00   |      |
| 122/007               | NRP-Z11 Power Sensor                | € 1.498,00   |      |
| 122/032               | Spectran V6 Sweep Generator         | € 498,00     |      |
| 122/001               | Short Burst Suppression Filter      | € 1.498,00   |      |
| 122/005               | Harmonics Spectrum Analyzer         | € 498,00     |      |
| 122/037               | Receiver Band Sequencer             | € 4.998,00   |      |
| 122/034               | IQ WiFi Interaction Mapper          | € 2.498,00   |      |
| 122/039               | GNSS Compass                        | € 498,00     |      |
| 122/036               | Signal Strength Locator (incl. map) | € € 4.998,00 |      |
| 122/002               | Channel Power Measurement           | € 498,00     |      |
| 122/006               | Intermodulation Analyzer            | € 498,00     |      |
| 122/016               | Stream Multiplexer                  | € 998,00     |      |
| 122/012               | HTTP Server                         | € 498,00     |      |
| 122/013               | HTTP Client                         | € 498,00     |      |
| 122/018               | Remote Config                       | € 498,00     |      |
| 122/030               | Spectrum Reference                  | € 498,00     |      |
| 122/004               | GPS                                 | € 498,00     |      |

# RTSA-Suite PRO Add-ons

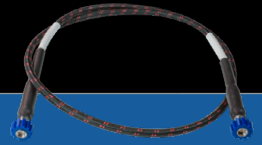


| RTSA-Suite PRO Block Bundles |                                                                                                                                                                             |             |      |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|
| Art. #                       | Item                                                                                                                                                                        | Price       | Shop |
| 122/021                      | <b>Live Cam Bundle</b><br>( Blocks: Live Video Camera, Video Monitor                                                                                                        | € 498,00    |      |
| 122/023                      | <b>Streaming Bundle</b><br>(Blocks: Stream Splitter, Stream Merger)                                                                                                         | € 1.998,00  |      |
| 122/022                      | <b>Waterfall &amp; Pulse Bundle</b><br>(Blocks: MultiSpectral, MultiSpectral 3D, Pulse Detector, Pulsed Waterfall, Pulsed Waterfall 3D)                                     | € 4.998,00  |      |
| 122/020                      | <b>Direction Finder Bundle</b><br>(Blocks: IsoLOG Directional Finding, Multi Waterfall, Antenna Segment Detector, Antenna Segment Filter, Grid Waterfall, Sector Waterfall) | € 19.980,00 |      |
| 122/019                      | <b>Category &amp; Channel Bundle</b><br>(Blocks: Category Histogram, Category Bars, Category Timeline, Channel Utilization, Channel Power)                                  | € 4.998,00  |      |



| RTSA-Suite PRO Upgrades |                           |            |      |
|-------------------------|---------------------------|------------|------|
| Art. #                  | Item                      | Price      | Shop |
| <b>NEW</b> 122/044      | GPS Disciplined Time Base | € 1.998,00 |      |
| <b>NEW</b> 122/045      | GPS Stream                | € 998,00   |      |
| 122/025                 | FPGA RAM Memory           | € 298,00   |      |
| 122/009                 | IQ Signal Generator QAM64 | € 4.998,00 |      |
| 122/010                 | 128k FFT                  | € 998,00   |      |
| 122/011                 | 1M FFT                    | € 4.998,00 |      |
| 122/024                 | FFT Super Sample          | € 1.998,00 |      |
| 122/026                 | Histogram 2k              | € 1.998,00 |      |
| 122/027                 | IQ Raster Image           | € 998,00   |      |

# Recommended Accessories



| Cables  |                                                                               |            |      |
|---------|-------------------------------------------------------------------------------|------------|------|
| Art. #  | Item                                                                          | Price      | Shop |
| 501/029 | USB Cable A-C   Label: DATA   2 Screws (C)   1m   black (RSA 250X)            | € 24,95    |      |
| 501/027 | USB Cable A-C   Label: DATA   1 Screw (C)   1m   black (RSA 500X, RSA2000X)   | € 24,95    |      |
| 501/023 | USB Cable A-C   Label: BOOST   1 Screw (C)   1m   black (RSA 500X, RSA 2000X) | € 24,95    |      |
| 501/041 | USB Cable C-C   No Label   1 screws   2m   red (V6 Powercable)                | € 24,95    |      |
| 501/042 | USB Cable C-C   No Label   2 screw   2m   red (V6 Powercable)                 | € 24,95    |      |
| 501/050 | High quality SMA (m/m) measurement cable (1m with tightening nuts)            | € 798,00   |      |
| 501/051 | Pair of High quality SMA (m/m) measurement cable (1m with tightening nuts)    | € 1.498,00 |      |
| 501/053 | SMA Cable 2m 26.5 GHz                                                         | € 129,00   |      |
| 501/054 | SMA Cable 2m 26.5 GHz (with tightening nuts)                                  | € 139,00   |      |
| 501/055 | SMA Cable 5m 26.5 GHz                                                         | € 179,00   |      |
| 501/056 | SMA Cable 5m 26.5 GHz (with tightening nuts)                                  | € 189,00   |      |
| 501/057 | SMA Cable 10m 26.5 GHz                                                        | € 229,00   |      |
| 501/058 | SMA Cable 10m 26.5 GHz (with tightening nuts)                                 | € 239,00   |      |
| 501/011 | 10x SMA tightening nuts                                                       | € 19,95    |      |



| Adapter |                                                                               |         |      |
|---------|-------------------------------------------------------------------------------|---------|------|
| Art. #  | Item                                                                          | Price   | Shop |
| 502/019 | High Quality SMA (f/f) Adapter                                                | € 89,95 |      |
| 502/009 | SMA to N (f/m) Adapter                                                        | € 24,95 |      |
| 502/016 | SMA-Quick-Adapter (push-on) for easy and fast connection of antennas & cables | € 19,95 |      |
| 502/010 | SMA (f) - BNC (m) Adapter                                                     | € 24,95 |      |
| 502/011 | SMA (m) - BNC (f) Adapter                                                     | € 24,95 |      |
| 502/014 | N-to-N (f/f) Adapter                                                          | € 24,95 |      |
| 502/012 | SMA to K (2.92mm) Adapter (e.g. PowerLOG Series)                              | € 99,95 |      |

# Recommended Accessories



| Filter / Attenuator / DC Blocker |                                                                        |          |      |
|----------------------------------|------------------------------------------------------------------------|----------|------|
| Art. #                           | Item                                                                   | Price    | Shop |
| 502/004                          | 2.4 GHz Bandpass Filter                                                | € 349,95 |      |
| 502/005                          | 5.8 GHz Bandpass Filter                                                | € 349,95 |      |
| 112/009                          | 8 GHz Bandpass Filter WiFi 6E => see <i>Hardware Options</i> on page 2 | € 498,00 |      |
| 502/003                          | 20 dB Attenuator (Expands the measurement range)                       | € 149,00 |      |
| 502/002                          | DC-Blocker (Protects the RF-input from DC-voltages)                    | € 99,00  |      |



| Miscellaneous |                                                                    |         |      |
|---------------|--------------------------------------------------------------------|---------|------|
| Art. #        | Item                                                               | Price   | Shop |
| 501/003       | SPECTRAN® V6 X USB Power Supply (Also usable for the V6 Powerbank) | € 99,00 |      |
| 503/039       | V6 Double Mounting Plate                                           | € 99,00 |      |
| 504/002       | Black Outdoor Case for SPECTRAN® V6 X                              | € 99,95 |      |

# Recommended Antennas



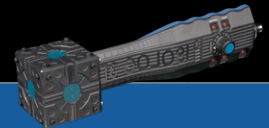
| Directional Antennas (LogPer) |                             |                    |                |            |      |
|-------------------------------|-----------------------------|--------------------|----------------|------------|------|
| Art. #                        | Item                        | Frequency Range    | Active         | Price      | Shop |
| 201/001                       | HyperLOG® 7025              | 700 MHz to 2,5 GHz | No             | € 199,95   |      |
| 201/017                       | HyperLOG® 7025 <b>X</b>     | 700 MHz to 2,5 GHz | Yes            | € 699,95   |      |
| 201/029                       | HyperLOG® 7025 <b>X BPA</b> | 700 MHz to 2,5 GHz | Yes (+ bypass) | € 699,95   |      |
| 201/002                       | HyperLOG® 7040              | 700 MHz to 4 GHz   | No             | € 249,95   |      |
| 201/018                       | HyperLOG® 7040 <b>X</b>     | 700 MHz to 4 GHz   | Yes            | € 749,95   |      |
| 201/030                       | HyperLOG® 7040 <b>X BPA</b> | 700 MHz to 4 GHz   | Yes (+ bypass) | € 749,95   |      |
| 201/003                       | HyperLOG® 7060              | 700 MHz to 6 GHz   | No             | € 399,95   |      |
| 201/019                       | HyperLOG® 7060 <b>X</b>     | 700 MHz to 6 GHz   | Yes            | € 849,95   |      |
| 201/031                       | HyperLOG® 7060 <b>X BPA</b> | 700 MHz to 6 GHz   | Yes (+ bypass) | € 849,95   |      |
| 201/004                       | HyperLOG® 6080              | 680 MHz to 8 GHz   | No             | € 599,95   |      |
| 201/020                       | HyperLOG® 6080 <b>X</b>     | 680 MHz to 8 GHz   | Yes            | € 1.149,95 |      |
| 201/009                       | HyperLOG® 4025              | 400 MHz to 2,5 GHz | No             | € 299,95   |      |
| 201/023                       | HyperLOG® 4025 <b>X</b>     | 400 MHz to 2,5 GHz | Yes            | € 849,95   |      |
| 201/032                       | HyperLOG® 4025 <b>X BPA</b> | 400 MHz to 2,5 GHz | Yes (+ bypass) | € 849,95   |      |
| 201/010                       | HyperLOG® 4040              | 400 MHz to 4 GHz   | No             | € 349,95   |      |
| 201/024                       | HyperLOG® 4040 <b>X</b>     | 400 MHz to 4 GHz   | Yes            | € 899,95   |      |
| 201/033                       | HyperLOG® 4040 <b>X BPA</b> | 400 MHz to 4 GHz   | Yes (+ bypass) | € 899,95   |      |
| 201/011                       | HyperLOG® 4060              | 400 MHz to 6 GHz   | No             | € 499,95   |      |
| 201/025                       | HyperLOG® 4060 <b>X</b>     | 400 MHz to 6 GHz   | Yes            | € 1.049,95 |      |
| 201/034                       | HyperLOG® 4060 <b>X BPA</b> | 400 MHz to 6 GHz   | Yes (+ bypass) | € 1.049,95 |      |
| 201/012                       | HyperLOG® 3080              | 380 MHz to 8 GHz   | No             | € 799,95   |      |
| 201/026                       | HyperLOG® 3080 <b>X</b>     | 380 MHz to 8 GHz   | Yes            | € 1.349,95 |      |

# Recommended Antennas



## Horn Antennas (passive)

| Art. #             | Item                                                                 | Price      | Shop |
|--------------------|----------------------------------------------------------------------|------------|------|
| 205/001            | PowerLOG® 10800 (1 GHz to 8 GHz) incl. detailed calibration data     | € 1.798,95 |      |
| <b>NEW</b> 205/004 | PowerLOG® PRO 30300 (300 MHz to 3 GHz, double polarized quad-ridged) | € 3.998,00 |      |
| <b>NEW</b> 205/005 | PowerLOG® PRO 30800 (300 MHz to 8 GHz, double polarized quad-ridged) | € 5.998,00 |      |



## Isotropic 3D Antennas (active + bypass mode)

| Art. #  | Item                                        | Price      | Shop |
|---------|---------------------------------------------|------------|------|
| 207/007 | IsoLOG® 3D Mobile 9030 PRO (9 kHz to 3 GHz) | € 1.498,00 |      |
| 207/008 | IsoLOG® 3D Mobile 9060 PRO (9 kHz to 6 GHz) | € 1.998,00 |      |
| 207/009 | IsoLOG® 3D Mobile 9080 PRO (9 kHz to 8 GHz) | € 2.498,00 |      |



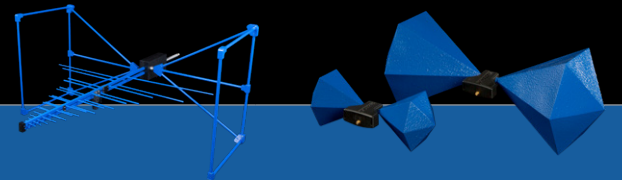
## Omnidirectional Antennas

| Art. #             | Item                 | Frequency Range    | Price      | Shop |
|--------------------|----------------------|--------------------|------------|------|
| 202/001            | OmniLOG® 90200       | 700 MHz to 2,5 GHz | € 199,95   |      |
| 202/002            | OmniLOG® 70600       | 680 MHz to 6 GHz   | € 249,95   |      |
| 202/003            | OmniLOG® 30800       | 300 MHz to 8 GHz   | € 399,95   |      |
| <b>NEW</b> 202/004 | OmniLOG® PRO 1030    | 150 MHz to 3 GHz   | € 248,00   |      |
| <b>NEW</b> 202/005 | OmniLOG® PRO 1060    | 150 MHz to 6 GHz   | € 398,00   |      |
| <b>NEW</b> 202/006 | OmniLOG® PRO 10100   | 150 MHz to 10 GHz  | € 698,00   |      |
| <b>NEW</b> 202/008 | OmniLOG® PRO 7030-H  | 700 MHz to 3 GHz   | € 398,00   |      |
| <b>NEW</b> 202/009 | OmniLOG® PRO 7060-H  | 700 MHz to 6 GHz   | € 798,00   |      |
| <b>NEW</b> 202/010 | OmniLOG® PRO 70100-H | 700 MHz to 10 GHz  | € 1.248,00 |      |

# Recommended Antennas



| Probes  |                                                                             |            |      |
|---------|-----------------------------------------------------------------------------|------------|------|
| Art. #  | Item                                                                        | Price      | Shop |
| 203/002 | PBS1 Near Field Probe Set (E- & H-Field) (DC - 9GHz)                        | € 1.498,00 |      |
| 203/003 | PBS2 Probe Set (E- & H-Field) incl. 40dB EMC-Preamplifier UBBV2 (DC - 9GHz) | € 2.498,00 |      |
| 203/004 | RF Satellite Test Probe (5MHz to 2500MHz)                                   | € 149,95   |      |



| EMC Antennas |                                             |                   |        |            |      |
|--------------|---------------------------------------------|-------------------|--------|------------|------|
| Art. #       | Item                                        | Frequency Range   | Active | Price      | Shop |
| 204/001      | BicoLOG® 5070                               | 50 MHz to 700 MHz | No     | € 499,95   |      |
| 204/007      | BicoLOG® 5070 X (incl. case)                | 50 MHz to 700 MHz | Yes    | € 1.099,95 |      |
| 204/002      | BicoLOG® 30100                              | 30 MHz to 1 GHz   | No     | € 699,95   |      |
| 204/008      | BicoLOG® 30100 X (incl. case)               | 30 MHz to 1 GHz   | Yes    | € 1.299,95 |      |
| 204/005      | BicoLOG® 30100E                             | 30 MHz to 1 GHz   | No     | € 1.698,00 |      |
| 204/011      | BicoLOG® 30100E X (optimized for EMC-Tests) | 30 MHz to 1 GHz   | Yes    | € 2.199,95 |      |
| 204/003      | BicoLOG® 20100                              | 20 MHz to 1 GHz   | No     | € 1.498,00 |      |
| 204/009      | BicoLOG® 20100 X (incl. case)               | 20 MHz to 1 GHz   | Yes    | € 2.099,95 |      |
| 204/012      | BicoLOG® 20100E                             | 20 MHz to 1 GHz   | No     | € 1.998,00 |      |
| 204/012      | BicoLOG® 20100E X (optimized for EMC-Tests) | 20 MHz to 1 GHz   | Yes    | € 2.499,95 |      |
| 204/004      | BicoLOG® 20300                              | 20 MHz to 3 GHz   | No     | € 1.998,00 |      |
| 204/010      | BicoLOG® 20300 X (incl. case)               | 20 MHz to 3 GHz   | Yes    | € 2.599,95 |      |
| 201/035      | HyperLOG® 20300 EMI                         | 20 MHz to 3 GHz   | No     | € 4.980,00 |      |
| 201/036      | HyperLOG® 20600 EMI                         | 20 MHz to 6 GHz   | No     | € 5.980,00 |      |

# REFERENCES



## Selected Aaronia Clients

### Government, Military, Aeronautic, Astronautic

- **NATO**, Belgium
- **Department of Defense**, USA
- **Department of Defense**, Australia
- **Airbus**, Germany
- **Boeing**, USA
- **Bundeswehr**, Germany
- **NASA**, USA
- **Lockheed Martin**, USA
- **Lufthansa**, Germany
- **DLR**, Germany
- **Eurocontrol**, Belgium
- **EADS**, Germany
- **DEA**, USA
- **FBI**, USA
- **BKA**, Germany
- **Federal Police**, Germany
- **Ministry of Defense**, Netherlands

### Research/Development, Science and Universities

- **MIT – Physics Department**, USA
- **California State University**, USA
- **Indonesian Institute of Sciences**, Indonesia
- **Los Alamos National Laboratory**, USA
- **University of Bahrain**, Bahrain
- **University of Florida**, USA
- **University of Victoria**, Canada
- **University of Newcastle**, United Kingdom
- **University of Durham**, United Kingdom
- **University Strasbourg**, France
- **University of Sydney**, Australia
- **University of Athens**, Greece
- **University of Munich**, Germany
- **Technical University of Hamburg**, Germany
- **Max Planck Inst. for Radio Astronomy**, Germany
- **Max Planck Inst. for Nuclear Physics**, Germany
- **Research Centre Karlsruhe**, Germany

### Industry

- **IBM**, Switzerland
- **Intel**, Germany
- **Shell Oil Company**, USA
- **ATI**, USA
- **Microsoft**, USA
- **Motorola**, Brazil
- **Audi**, Germany
- **BMW**, Germany
- **Daimler**, Germany
- **Volkswagen**, Germany
- **BASF**, Germany
- **Siemens AG**, Germany
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- **Infineon**, Austria
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- **Thyssenkrupp**, Germany
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- **NBC News**, USA
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- **Robert Bosch**, Germany
- **Mercedes Benz**, Austria
- **Osram**, Germany
- **DEKRA**, Germany
- **AMD**, Germany
- **Keysight**, China
- **Infineon Technologies**, Germany
- **Philips Semiconductors**, Germany
- **Hyundai Europe**, Germany
- **VIAVI**, Korea
- **Wilkinson Sword**, Germany
- **IBM Deutschland**, Germany
- **Nokia Siemens Networks**, Germany

  
**MADE IN GERMANY**

Aaronia AG, Gewerbegebiet Aaronia AG II, DE-54597 Strickscheid, Germany  
Phone: +49(0)6556-900-310 | Fax: +49(0)6556-900-319  
Email: mail@aaronia.de | URL: www.aaronia.com