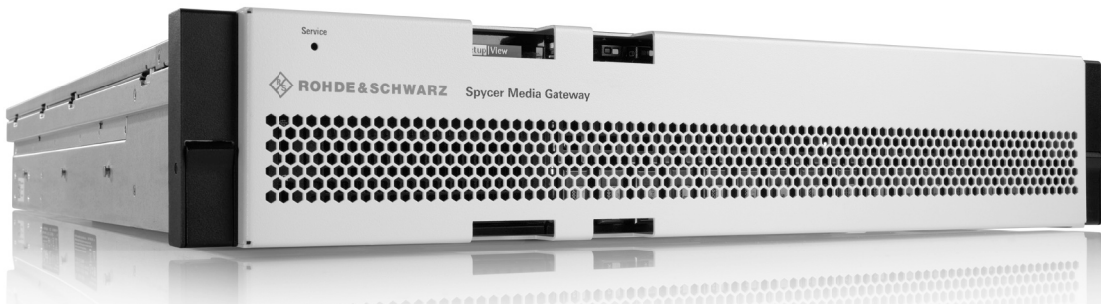


R&S® Spycer Media Gateway Specifications



CONTENTS

Definitions	3
Key features	4
Specifications.....	4
General data.....	4
Rack support	5
Ordering information	5

Definitions

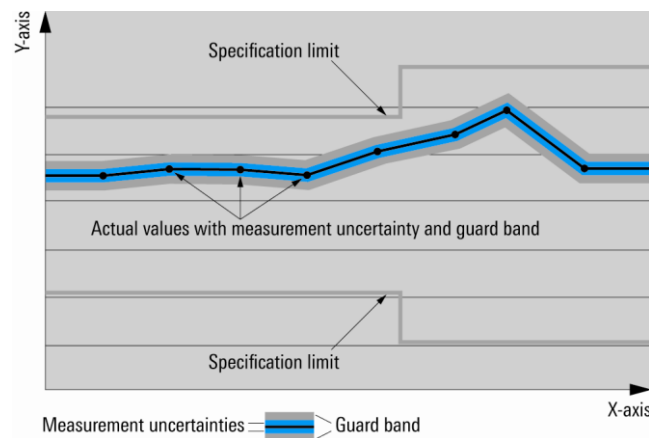
General

Product data applies under the following conditions:

- Three hours storage at ambient temperature followed by 30 minutes warm-up operation
- Specified environmental conditions met
- Recommended calibration interval adhered to
- All internal automatic adjustments performed, if applicable

Specifications with limits

Represent warranted product performance by means of a range of values for the specified parameter. These specifications are marked with limiting symbols such as $<$, \leq , $>$, \geq , \pm , or descriptions such as maximum, limit of, minimum. Compliance is ensured by testing or is derived from the design. Test limits are narrowed by guard bands to take into account measurement uncertainties, drift and aging, if applicable.



Specifications without limits

Represent warranted product performance for the specified parameter. These specifications are not specially marked and represent values with no or negligible deviations from the given value (e.g. dimensions or resolution of a setting parameter). Compliance is ensured by design.

Typical data (typ.)

Characterizes product performance by means of representative information for the given parameter. When marked with $<$, $>$ or as a range, it represents the performance met by approximately 80 % of the instruments at production time. Otherwise, it represents the mean value.

Nominal values (nom.)

Characterize product performance by means of a representative value for the given parameter (e.g. nominal impedance). In contrast to typical data, a statistical evaluation does not take place and the parameter is not tested during production.

Measured values (meas.)

Characterize expected product performance by means of measurement results gained from individual samples.

Uncertainties

Represent limits of measurement uncertainty for a given measurand. Uncertainty is defined with a coverage factor of 2 and has been calculated in line with the rules of the Guide to the Expression of Uncertainty in Measurement (GUM), taking into account environmental conditions, aging, wear and tear.

Device settings and GUI parameters are indicated as follows: "parameter: value".

Typical data as well as nominal and measured values are not warranted by Rohde & Schwarz.

In line with the 3GPP/3GPP2 standard, chip rates are specified in Mcps (million chips per second), whereas bit rates and symbol rates are specified in Mbps (million bits per second), kbps (thousand bits per second), Msps (million symbols per second) or ksps (thousand symbols per second), and sample rates are specified in Msample/s (million samples per second). Mcps, Mbps, Msps, kbps, ksps and Msample/s are not SI units.

Key features

The R&S®Spycer Media Gateway provides high-speed file transfer operations to and from Rohde & Schwarz broadcast environments. Designed for 24/7 workflows, the R&S®Spycer Media Gateway is an independent appliance handling large amounts of Ethernet data transfers and dedicated software services.

Specifications

System configuration		
		<ul style="list-style-type: none"> • 2 HU rackmount • 1+1 redundant front-mounted, hot-swappable operating system hard drives • 1+1 redundant hot-swappable power supplies 750 W (100 V to 240 V AC) • Intel Xeon 8-core processor • 64 Gbyte DDR4 RAM • 2 × 1 Gigabit Ethernet ports • 2 × 10 Gigabit Ethernet ports • 2 × USB 3.0 ports (rear) • 2 × USB 2.0 ports (front) • Linux operating system
Connectivity		
10 Gigabit Ethernet network		2 × SFP+ ports with SFP SR for 10 Gigabit Ethernet
1 Gigabit Ethernet network		2 × RJ-45

General data

Environmental conditions		
Temperature	operating temperature range	+10 °C to +35 °C
	storage temperature range	−40 °C to +65 °C
Relative humidity	operating	10 % to 80 % relative humidity with +29 °C maximum dew point
	storage	5 % to 95 % relative humidity with +33 °C maximum dew point; atmosphere must be noncondensing at all times
Power rating		
Rated voltage		100 V to 240 V AC
Rated frequency		50/60 Hz
Power output	maximum	750 W (100 V to 240 V AC)
	average	414 W (100 V to 120 V AC, 60 Hz)
		397 W (200 V to 240 V AC 50 Hz)
BTU	maximum	2891 BTU/h
	average	1413 BTU/h,
		414 W (100 V to 120 V AC, 60 Hz)
		1355 BTU/h,
		397 W (200 V to 240 V AC, 50 Hz)
Product conformity		
CE marking	in line with the following directives:	<ul style="list-style-type: none"> • directive 2014/30/EU • directive 2014/35/EU • directive 2011/65/EU • directive 2009/125/EC
FCC rating		class A
UL	in line with the following standards:	<ul style="list-style-type: none"> • UL 60950-1, second edition, 2011-12-19 • CSA C22.2 No. 60950-1-07, second edition, 2011-12
Dimensions and weight		
Dimensions	W × H × D	482 mm × 87.3 mm × 755.8 mm (18.98 in × 3.44 in × 29.75 in)
Weight	with drives	max. 31.4 kg (69.23 lb)

Rack support

Rackmounting		
Rails		<ul style="list-style-type: none"> • sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or • tooled mounting in 4-post threaded hole racks, with support for tool-less cable management arm

Ordering information

Designation	Type	Order No.
R&S®Spycer Media Gateway	R&S®SN100GS	2902.0250.02

Service that adds value

- ▮ Worldwide
- ▮ Local and personalized
- ▮ Customized and flexible
- ▮ Uncompromising quality
- ▮ Long-term dependability

Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 80 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

www.rohde-schwarz.com

Sustainable product design

- ▮ Environmental compatibility and eco-footprint
- ▮ Energy efficiency and low emissions
- ▮ Longevity and optimized total cost of ownership

Certified Quality Management

ISO 9001

Rohde & Schwarz GmbH & Co. KG

www.rohde-schwarz.com

Rohde & Schwarz training

www.training.rohde-schwarz.com

Regional contact

- ▮ Europe, Africa, Middle East | +49 89 4129 12345
customersupport@rohde-schwarz.com
- ▮ North America | 1 888 TEST RSA (1 888 837 87 72)
customer.support@rsa.rohde-schwarz.com
- ▮ Latin America | +1 410 910 79 88
customersupport.la@rohde-schwarz.com
- ▮ Asia Pacific | +65 65 13 04 88
customersupport.asia@rohde-schwarz.com
- ▮ China | +86 800 810 82 28 | +86 400 650 58 96
customersupport.china@rohde-schwarz.com

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG

Trade names are trademarks of the owners

PD 5215.3856.22 | Version 04.00 | July 2018 (jr)

R&S®Spycer Media Gateway

Data without tolerance limits is not binding | Subject to change

© 2017 - 2018 Rohde & Schwarz GmbH & Co. KG | 81671 Munich, Germany



5215385622