

ZS-1 Specifications

No	Parameter	Value
Receiver		
1	Frequency range	0,3 – 30 MHz
2	Sensitivity (MDS, preamp on)	-141 dBm
3	Sensitivity (MDS, preamp off)	-135 dBm
4	Blocking level (preamp on)	-22 dBm
5	Blocking level (preamp off)	-5 dBm
6	IIP2 (preamp off)	63 dBm
7	IIP3 (preamp off)	28 dBm
8	Attenuators	10, 20, 30 dB
9	Receiver bandwidth	up to 100 kHz
10	Viewing bandwidth	up to 4 MHz
Transmitter		
11	Frequency range	HF HAM bands: 10, 12, 15, 17, 20, 30, 40, 80, 160 m
12	Output power	15 W*
13	Harmonics level	-50 dB
14	Non harmonics level	-70 dB
15	TX bandwidth	up to 10 kHz
Common characteristics		
16	PC interface (data & control)	USB 2.0
17	Supply voltage	12 – 15 V
18	Supply current (receive)	0,5 A
19	Supply current (transmit)	4 A
20	Size	240 x 170 x 35 mm
21	Weight	1,2 kg

* - the maximum output power of the transceiver ZS-1 in the range of 160 m, 80 m, 40 m, 20 m, 17 m, 15 m, 12 m and 10 m is 15 watts, but in the range of 30 m maximum output power is 8W.

Minimum system requirements: Windows XP/Vista/7/8 x32 / x64. USB2.0 Port.; Intel Core 2 Duo 1,5 GHz with 2GB RAM, OpenGL 1.5 or higher