

## ES-1/2 SPECIFICATIONS

### < Network Interface Section >

Port	IN, OUT
Connector	RJ-45
Media	100BASE-TX
Recommended Cable	Enhanced CAT-5 LAN cable (straight)
Cable Length	Up to 100 m
Protocol	Digigram EtherSound

### < Signal Output Section >

Port	ANALOG OUT
Connector	RCA x 2 (A, B) Euro 4-pin Pin-1: A + Pin-2: A - Pin-3: B + Pin-4: B - On ES-1, A output is equal to B output.
Adaptable Load Impedance	10 k $\Omega$ or more
Standard Output Level	- 10 dBV $\pm$ 2 dB (-12 dB Full Scale level, at 1 kHz)
Maximum Output Level	+ 2 dBV $\pm$ 1 dB
Frequency Response	20 Hz ~ 20 kHz $\pm$ 1 dB
D-to-A Converter	AKM AK4384
S/N	98 dB or more (with 22 kHz LPF, A-weighted)
Dynamic Range	98 dB or more (with 22 kHz LPF, A-weighted)
T.H.D.	0.02 % or less (at - 10 dBV, 1 kHz)
Channel Separation	80 dB or more (at 1 kHz)

### < Control Interface >

Port	REMOTE
Communication Protocol	RS422
Connector	Euro 6-pin Pin-1: RX (+) Pin-2: RX (-) Pin-3: TX (+) Pin-4: TX (-) Pin-5: +5 V (100 mA) Pin-6: GND

### < Dimensions & Weight >

Dimensions	154 (W) x 54 (H) x 125 (D) mm (including protruding portion)
Weight	0.65 kg

### < Usage Condition >

Horizontal, continuous operation

### < Power >

AC Adaptor AD-12A (DC 12 V, 600 mA)
(JPN: 100 V AC, USA: 120 V AC, UK/EUR: 230V AC)
Euro 2-pin Pin-1: + 12 V Pin-2: GND

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## < Environmental Condition >

<b>Standard Temperature</b>	20 ± 3 °C
<b>Standard Humidity</b>	65 ± 5 %
<b>Characteristics Guaranteed</b>	
<b>Temperature</b>	+ 5 ~ +40 °C
<b>Humidity</b>	30 ~ 70 %
<b>AC Voltage Deviation</b>	± 5 % or less
<b>Operation Guaranteed</b>	
<b>Temperature</b>	- 5 ~ +45 °C
<b>Humidity</b>	0 % ~ 90 % (without water droplets)
<b>AC Voltage Deviation</b>	± 10 % or less

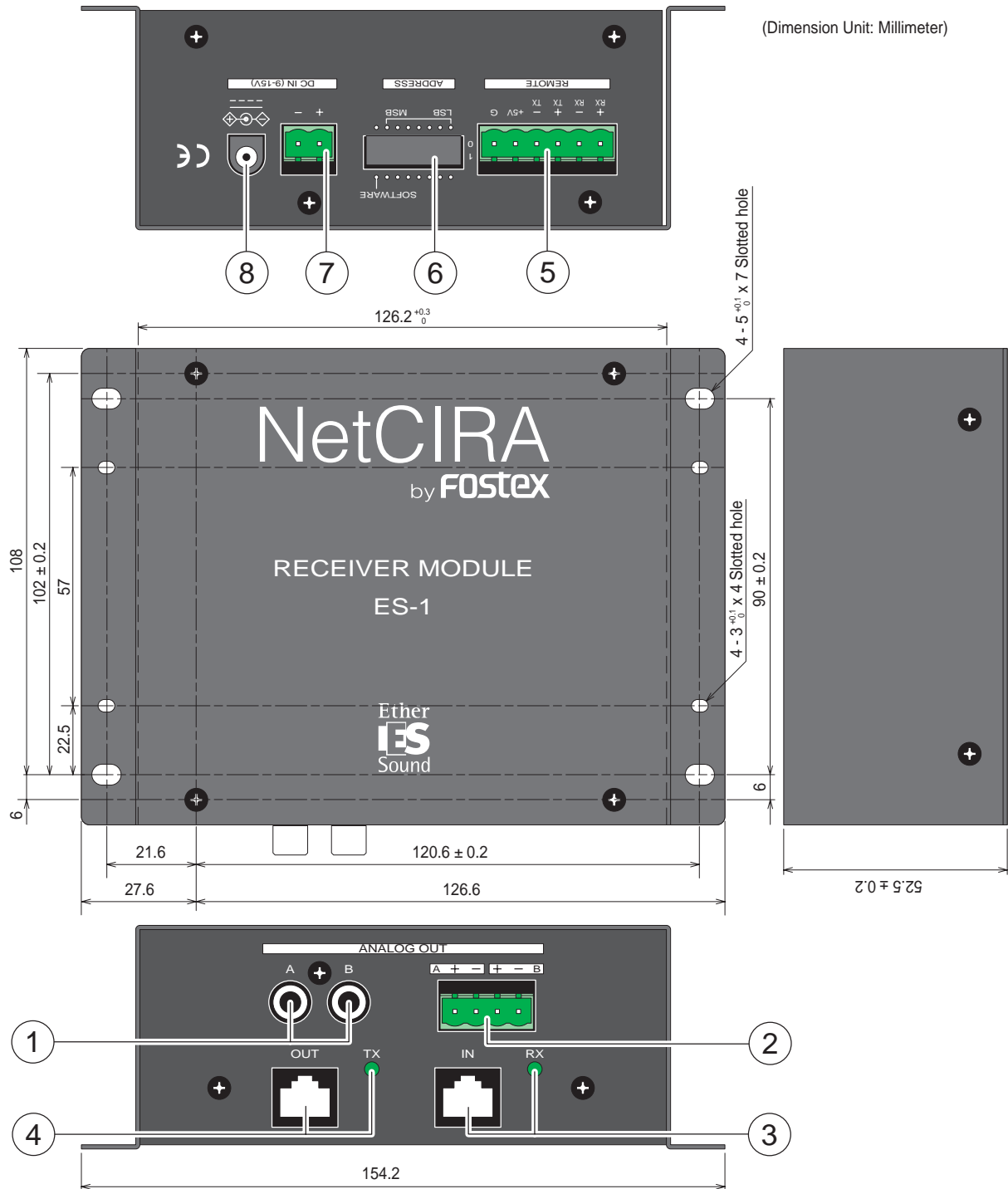
## < Standards >

<b>Vibration &amp; Drop Tests</b>	Complies to Fostex Company technical standard.
<b>Safety Standard</b>	IEC60065
<b>Others</b>	
<b>EMI</b>	EN55011 Group 1 Class B EN61000-3-2 & 3-3
<b>Immunity</b>	EN50082-1 (Ed1)

\* Specifications and physical appearance are subject to change without notice for product improvement.

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## ES-1 CONTROLS, INDICATORS & CONNECTORS



1. ANALOG OUT (RCA pin jacks)
2. ANALOG OUT (EURO 4-pin connector)
3. IN port (RJ-45)
4. OUT port (RJ-45)
5. REMOTE connector (EURO 6-pin connector)
6. DIP switches
7. DC IN connector (EURO 2-pin connector)
8. DC IN jack

