

Logixplorer Specification

Number of channels	32
Internal sampling rates	1kHz..500MHz
Sampling speed factor	x1, x2, x5
External clock rate	250MHz
External clock inputs	2
Number of banks	2
Buffer capacity	4000 x 32
Transition compression rate	1 to 2 ²⁰ @ 200MHz
Threshold voltage	-6V..+10V
Threshold resolution	50mV
Threshold accuracy	±100mV
Input impedance	100 kOhm / 5pF
Frequency counter	250MHz
Input voltage	±40V DC, 15Vpp AC
Minimum input signal	600mVpp
Internal clock stability	50ppm
Number of trigger levels	2
Trigger event counter width	16

INTERFACE

USB 2.0	High speed (USB 1.1 compatible)
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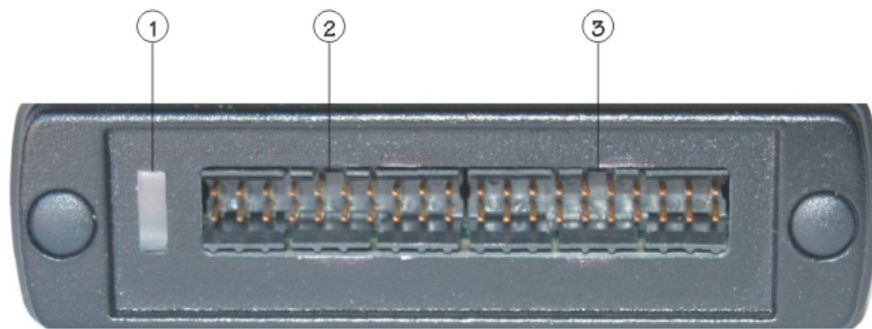
POWER

Current consumption	<200mA (powered by USB)
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GENERAL

Weight	180g
Color	Black
Dimensions (W x H x D)	84mm x 24mm x 114mm

Elements of Logixplorer



1. Power On LED
2. Bank B signal input (100 mil shrouded male connector)

Clk B	B14	B12	B10	B8	GND	B6	B4	B2	B0
GND	B15	B13	B11	B9	GND	B7	B5	B3	B1

3. Bank A signal input (100mil shrouded male connector)

Clk A	A14	A12	A10	A8	Gnd	A6	A4	A2	A0
Gnd	A15	A13	A11	A9	Gnd	A7	A5	A3	A1

USB interface **Attention! All terminals of the USB interface are galvanically connected with the instrument and subsequently with protective (safety) earth potential.**

Note: Subject to change without notice

Logixplorer Specification REV. A.2	DesignSoft Inc. www.designsoftware.com
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