Specifications

Model		LE-200PR	LE-150PR
Interface		Standard: RS-232C /RS-422 /RS-485 Optional: TTL (Model: "OP-5M")	
Measurement Connecter		DSUB 25pin female connector (M2.6)	
Protocol		ASYNC, ASYNC-PPP, Character SYNC: SYNC/BSC, Bit SYNC: HDLC/SDLC/X.25	ASYNC, ASYNC-PPP
Baud Rate		50bps~1Mbps (arbitrary)	50bps~500Kbps (arbitrary)
SYNC Clock		ST1*1, ST2*1, RT(external), AR(data extracted)	–
Data Code		ASCII, EBCDIC, JIS7, JIS8, Baudot, Transcode, IPARS, EBCD, EBCDIK, HEX	
Bit transmission order,Polarity		Order: LSB first/ MSB first (switchable), Polarity: Normal/ Invert (switchable)	
Error Check		Parity(ODD, EVEN, MARK, SPACE), Framing, Break, Abort(LE-200PR only), Short frame(LE-200PR only), BCC(LRC, CRC-6, CRC-12, CRC-16, CRC-ITU-T, FCS-16(LE-200PR only), FCS-32(LE-200PR only). BCC permeation mode	
Memory		PC:Max. 16G byte on the HDD, PC-less: capacity of the SD card (specify the file size at 128K /1M /2M /4M /8M /16Mbyte)	
Recording Type		Ring Buffer (continuous) mode, Fixed Buffer (full stop) mode	
Mode		Remote mode (with PC); Data Logger mode (without PC)	
Measurement start/stop		Control from PC, Start/Stop switch, Auto-Power run, Specify date and time.	
Idle Time		Resolution: 100ms, 10ms, 1ms; Max. 999.9s, or OFF (no-record)	
Time Stamp		"Day/Hr/Min", "Hr/Min/Sec" or "Min/Sec/10ms", or OFF (no record)	
Line Status		Record signals (RS(RTS), CS(CTS), ER(DTR), DR(DSR), CD(DCD), CI(RI), EXIN) with transmission/reception data. Waveform display (RS-232C only)	
Address Filter		Record only frames of the specified address. (HDLC/SDLC/X.25 only)	–
Protocol translation		SDLC (modulo8/128), ITU-T X. 25(modulo8/128), LAPD, PPP	PPP
Trigger	Condition	Communication error, data string up to 8 characters (don't care and bit mask available), idle time more than the specified duration, matched timer/counter value, logic status of interface signal line, external signal.	
	Action	Stop measurement (offset can be set), validate/invalidate trigger condition, control timer/counter, send specified data string, send external signal, turn on/ off the light of user-defined LED	
Retrieval function		Communication error, data string up to 8 characters (don't care and bit mask available), idle time more than the specified duration, time stamp (don't care available), trigger-matched data.	
Simulation		Transmit data registered in 16 data tables (16K byte) with one press of a key. DTE/DCE mode selectable. Pre-set the timing of line/data. Insert parity error.	
Conversion		Convert data into Text or CSV format and save.	
LED		5 of two-color LED: Power/ Error, Test/Record, SD/RD, User defined U1/U2, Wi-Fi connection	
Switch		One: Run / STOP	
External Trigger		Input: 1, Output: 2. 2.54mm pin header connector	
SD Card		2 – 16G byte*2	
USB 2.0 Port		Mini-B connector High speed supported	
Wi-Fi interface*3		IEEE 802.11 b/g/n	
Power*4		Remote mode: USB bus power Remote mode with Wi-Fi / Logger mode: External DC power (DC7-34V), AC adapter (6A-181WP09). Power consumption: 1.8W (0.8W when Wi-Fi is OFF, Max.2.2W for about 10sec when turning on power). 0.15W/DC24V when turning off power.	
Work time during Power failure		1 sec	
Ambient Temperature, Humidity		In operation:-10~+55˚C In storage: -20~+60˚C, 5 - 85%RH (No condensation)	
Standard		CE (EMC Class A), RoHS, RE directive	
Dimensions, weight		86(W)×130(D)×30(H) mm approx. 230g	
PC environment		OS: Windows® 7/8/8.1/10 PC: PC/AT compatible	

*1: It is available only for measuring RS-232C. *2: LINEEYE warrants only the one we sell. *3: Wi-Fi function is available only in Japan, USA, Canada, and EU nations. *4: Remote mode (with PC connected by USB cable) runs by the USB bus power. Logger mode (PC-less) and Remote mode with Wi-Fi need to have an optional AC adapter (6A-181WP09) or use an optional Power Plug Cable (SIH-2PG) and external DC power.

Standard Set

PC-connectable Protocol Analyzer…x 1
DSUB 25pin monitor cable (LE-25M1)…x 1
Mini USB cable (SI-US218)…x 1
External signal I/O cable (LE-4TG)…x 1
8G byte SD card (SD-8GX)…x 1
PC software CD…x 1
Instruction Manual…x 1
Warranty…x 1

OPTIONS

8G byte SD Card
SD-8GX
*Same as the card packed with LE-200PR/LE-150PR.

16G byte SD Card
SD-16GX

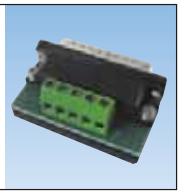

*The photo is for illustrative purposes only.

Wide Input AC Adapter
6A-181WP09
Input: AC100~240V, 50/60Hz
Output: DC9V, 2A
Plug: Center+, Outside diameter: 5.5mm, Inside diameter: 2.1mm

Power Plug Cable
SIH-2PG
DC Plug (Outside diameter: 5.5mm, Inside diameter: 2.1mm)<->Y terminal: 1.8m
Supply external DC power to the DC jack of the analyzer. Cable clamp is included.

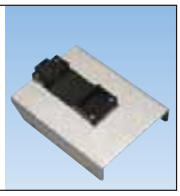
DSUB 9pin Monitor Cable
LE-259M1
Branch cable for monitoring RS-232C over general DSUB 9pin, such as with the PC.

Terminal Block Adapter
LE-5TB
An adapter to extract the RS-422/485 signals on the DSBU 25pin connector to the terminal block.
* Sync clock signal measured by LE-200PR cannot be captured.



TTL Monitor Probe Pod
OP-5M
A probe pod for monitoring TTL-Level communication lines at 2.5V/3.3V/5V,
* Cannot be used for simulation function.

DIN Rail Mounting Plate for LE-series.
LE-DIN13
To mount the LE-150PR / LE-200PR on the 35mm DIN rail.



SAFETY WARNING Read the instruction manual provided with the product before use and use the product as explained in that manual. Using the product in ways not guaranteed in the manual, connecting it to systems outside of the specified ranges and remodeling can all cause trouble and damage. LINEEYE CO., LTD. will assume no responsibility whatsoever for trouble or damage arising because of unauthorized ways of use.

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