

BASIC SPECIFICATIONS (ACCURACY GUARANTEED FOR 1 YEAR)

Max. number of connectable modules	4 plug-in input modules + 7 wireless input modules
Connectable modules (Plug-in modules)	U8550, U8551, U8552, U8553, U8554
Connectable modules (Wireless modules)	LR8530, LR8531, LR8532, LR8533, LR8534 Supported V1.20 or later
No. of measurement channels	Up to 120 ch with plug-in input modules, up to 330 ch with plug-in input modules and wireless input modules
Pulse/logic input	[Number of ch] 8 ch (common GND, non-isolated, exclusive setting for pulse/logic input for individual channels) [Adaptive input format] Non-voltage contact, open collector, or voltage input [Count] 0 to 1000 M pulse, 1 pulse resolution [Rotational speed] 0 to 5000/n (r/s), 1/n (r/s) resolution, 0 to 300,000/n (r/min.), 1/n (r/min.) resolution, n: Number of pulses per rotation (1 to 1000) [Logic input] Records 1 or 0 for each recording interval
Recording intervals	1 ms*, 2 ms*, 5 ms* (*: Can be set only when using 1 ms/S modules), 10 ms to 1 hour, 22 selections (Data refresh interval can be set for each unit)
Data storage	SD Memory Card/USB Drive (user-selectable) (Only storage media sold by HIOKI are guaranteed for operation)
LAN interface	100BASE-TX / 1000BASE-T, DHCP, DNS support, Functions: Data acquisition, condition settings used with the Logger Utility software, configuring settings and controlling recording using communications commands, FTP server / FTP client, HTTP server, NTP client

Wireless LAN interface	<p>IEEE 802.11b/g/n</p> <p>Communications range: 30 m, line of sight</p> <p>Encryption function: WPA-PSK/WPA2-PSK, TKIP/AES</p> <p>Usable channels: 1 to 11</p> <p>Supported modes: Wireless unit connectivity, access point, station</p> <p>Functions: Configuring settings and controlling recording using communications commands, FTP server / client, HTTP server, NTP client</p>
USB interface	<p>Series A receptacle × 2: USB 2.0 compliant (USB drive, keyboard, or hub))</p> <p>Series mini-B receptacle × 1: Data acquisition, condition settings used with the Logger Utility, configuring settings and controlling recording using communications commands, transferring data from a connected SD Memory Card to a computer</p>
SD card slot	<p>SD standard-compliant slot × 1 (with SD memory card/SDHC memory card support), Guaranteed-operation options: □Z4001, Z4003</p>
Display	<p>7 inch TFT color liquid crystal display (WVGA 800 × 480 pixel)</p>
Functions	<p>Save waveform data in real time to the SD memory card or USB drive, numerical value calculations, waveform calculations, 8ch alarm output, voltage output ×2 (5 V /12 V /24 V selectable)</p>
Power supply	<p>[AC adapter] Using the Z1014 (100 to 240 V AC, 50/60 Hz), 95 VA Max. (including AC adapter), 28 VA Max. (exclusive of AC adapter)</p> <p>[Battery Pack] Using the Z1007 (accommodates 2 batteries), continuous use 4 hr (reference value for 2 pieces), 20 VA Max.</p> <p>[External power] 10 to 30 V DC, 28 VA Max. (Please contact your HIOKI distributor for connection cord)</p>
Dimensions and mass	<p>Without any modules: 272 mm (10.71 in) W × 145 mm (5.71 in) H × 43 mm (1.69 in) D (excluding protrusions), 1108 g (39.1 oz) (excluding battery pack)</p> <p>With 2 modules: 272 mm (10.71 in) W × 198 mm (7.80 in) H × 63 mm (2.48 in) D (excluding protrusions)</p> <p>With 4 modules: 272 mm (10.71 in) W × 252 mm (9.92 in) H × 63 mm (2.48 in) D (excluding protrusions)</p>
Accessories	<p>Quick Start Manual ×1, LOGGER Application Disc (Quick Start Manual, Instruction Manual, Logger Utility, Logger Utility Instruction Manual, Communication Instruction Manual) ×1, USB Cable ×1, AC Adapter Z1014 ×1, Precautions Concerning Use of Equipment that Emits Radio Waves ×1</p>

COUNTRIES AND REGIONS WHERE WIRELESS OPERATION IS CURRENTLY SUPPORTED (LR8450-01) LAST UPDATE: APRIL 14, 2020

Wireless certification	Japan, United States, Canada, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey
Exempt from the wireless regulations	Viet Nam, Hong Kong, Macao, Myanmar, Colombia, Georgia, and Kenya