

DL-DAQ-601 Technical Specification

Static Strain Acquisition System

Static strain acquisition system with 36 or 72 measurement points, wired Ethernet or wireless control, computer and mobile-app operation, full-bridge, half-bridge, three-wire quarter-bridge, common-compensation quarter-bridge, bridge-type pressure, force, load, and displacement measurements, voltage measurement, automatic lead-resistance correction, and bridge self-check.

System Category	DL-DAQ
Signal Type	Static strain
Measurement Range	36 or 72 measurement points
Sampling / Response	Static strain acquisition
Communication	Wired Ethernet or wireless control
Protection / Enclosure	Laboratory or field enclosure
Power Supply	External power
Installation	Portable multi-point static strain system

Key Features

- High point-count static strain acquisition supports concentrated model and field tests.
- Supports common strain bridge modes, bridge-type physical sensors, and voltage inputs.
- Wired and wireless control options support computer and mobile operation.
- Technical basis may reference GB/T 6587 environmental requirements.

Typical Use Cases

- Civil structure static performance testing with concentrated measurement points.
- Laboratory, research institute, inspection, and product development strain tests.

Deployment Notes

- Confirm point count, bridge mode, lead length, compensation method, and expansion plan.
- Run bridge self-check and lead-resistance correction before formal data acquisition.
- Exclude original product model names and certification report images from public pages.

Technical Highlights and Standards

- 36 or 72 measurement points
- Full / half / quarter bridge
- Automatic lead-resistance correction
- Bridge self-check

- Computer and mobile operation
- GB/T 6587 reference

Branding, supplier names, phone numbers, email addresses, physical addresses, logos, customer lists, prices, and original supplier model identifiers have been intentionally excluded from this public specification.