The ABACUS ELECTRICS model A9U ANSI optical probe is a bi-directional interface utilising infra-red light. Connecting to the USB port of a desk-top or lap-top computer it permits galvanically isolated communication with tariff meters as specified in ANSI C12.18-2006.

Supplied with ‘virtual serial port’ drivers, the A9U probe may be used with Windows application software that expects a conventional probe to be connected to a standard RS232/legacy serial port.

The A9U probe uses Data Terminal Ready (DTR) signal as a software controlled switch to enable the reading of meters such as the Landis+Gyr Quad 4+ and MAXsys 2510.

**Specification:**

- **USB Interface:** USB 1.1 and USB 2.0 compliant
- **Power Supply:** Derived from host computer
- **Lead:** 2 metre cable, captive at probe
- **Connector:** USB standard ‘A’ plug
- **Maximum Data Rate:** 57600 bits/second
- **Virtual Serial Port DTR Switching:**
  - DTR negative: Normal mode, ANSI C12.18-2006 compliant
  - DTR positive: Landis+Gyr (Siemens) compatible mode
- **Fastening:** Magnetic adhesion
- **Optical:** Compatible with ANSI C12.18-2006
- **Mechanical:** High impact ABS housing, dimensions compatible with ANSI C12.18-2006
- **Software:** Virtual serial port drivers for Windows 98, Me, 2000, XP, Vista, Windows 7, 8, 8.1 and 10 – 32-bit and 64-bit.

Manufactured in the United Kingdom by ABACUS ELECTRICS

Conforms to European Directives:
- 89/336/EEC (Electromagnetic Compatibility)
- 73/23/EEC (Low Voltage Directive)