IRIG-B Analyzer

With optional ScopeApp

TEKRON

Key Features

- Multilevel signal support
- Handheld ruggedized exterior
- 2.5" backlit display
- Intuitive user interface
- Battery powered
- Field upgradable firmware
- Bluetooth
- Smart Device Interface

Key Features ScopeApp

- Multiple capture capability
- Hands-free capture
- Graphical waveform display
- Selectable options to email the captured content
- Export the waveform and report as a CSV file
- Export waveform as a PNG image
- Push notifications alert the user when valid capture has been received
- Supports multiple Bluetooth versions

Decode and validate your IRIG-B timing signals with Tekron's IRIG-B Analyzer. With multilevel signal support, the IRIG-B Analyzer enables accurate on-site fault diagnosis through a h-and-held, rugged, portable battery-operated unit.

For even more diagnostic power, graph your IRIG-B timing signals with ScopeApp, the IRIG-B oscilloscope application software. Put the enhanced processor and screen of your smartphone to work through Tekron's IRIG-B Analyzer.

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Physical

Dimensions: 165 mm (L) x 82 mm (w) x 26 mm (H) Weight: 400 grams

Ingress Protection: IP41 with rubber overmolding and fibre cap fitted

Front Panel

- 2.5" backlit monochrome LCD display
- Displays the decoded IRIG-B information including: Time
- Date
- Quality
- Control functions and extensions
- Binary seconds
- Waveform RMS voltage

Certification

IEC 61010-1
CAT III rating

Environmental

Power Supply
- 2 x AA batteries (not included)
- Extended battery life – 140 hours

Operating temperature range: 0°C to +50°C

Contact Us

- www.tekron.com
- Phone: +64 4 566 7722
- Sales Freephone: (Australia) 1800 608 572
- Sales Freephone: (North America) 1800 256 2309

Note:
The quickest and most effective method to request a quote is through the online quote request form on the Tekron website.

Inputs

- Fiber RX (62.5/ 125 µm, λ 820 nm), compatible with
- multi-mode fiber (SC Fiber connection)
- 1.2 m banana plug test leads
- Bluetooth – supports field upgradable firmware

IRIG-B top cap showing connectors

Supports

Protocols Supported Include:

Modulation Type
- Amplitude Modulated IRIG-B12x
- DC Level Shift IRIG-B00x
- Modified Manchester IRIG-B22x

Control Functions (Extensions)
- IEEE 1344
- IEEE C37.118
- IEEE C37.118.1
- AFNOR

IRIG-B Standards
- IRIG 200-95
- IRIG 200-98
- IRIG 200-04

Voltage levels
- TTL
- RS232
- RS422
- RS485

Accessories Included

1.2m Test leads

SC to ST Fibre adapter

BNC T connector