IDEAL ®

VDV PRO & IENet™ PRO Cable Testers

- ■ **VDV PRO is perfect for Voice, Data and Video applications**
- ■ **VDV PRO supports RJ-11/12, RJ-45, Coax F, BNC and RCA connectors**
- ■ **IENet™ PRO supports RJ-45 and M12 connections**
- ■ **Both models measure cable length**
- ■ **IENet™ PRO is designed specifically to test Industrial Ethernet cabling**
- ■ **Wide, bright backlit screen**
- ■ **Easy-to-read Pass/Fail results**
- ■ **Displays wire errors including: Open, Short, Miswire and Split Pair and Length**
- ■ **Multi-tone support for cable tracing and fault isolation**
- ■ **Blink network link LED for visual cable tracing**
- ■ *NEW* **Integrated coax – F-connection**
- ■ *NEW* **IENet™ PRO tests to Profinet® Industrial Ethernet cabling requirements**

CUT   STRIP   TERMINATE   TEST   CERTIFY

VDV PRO Cable Tester

Designed to Support a Full Range of Voice, Data and Video (VDV) Applications

The VDV PRO Cable Tester is an easy-to-use cable testing and verification device that can quickly test all wiring requirements found throughout today's residential and commercial environments.

- Voice – tests 3-pair USOC and 6-position RJ-11/12 jacks for voice cable testing
- Data – tests wire map of shielded and unshielded cable to T568A/B standard
- Video – tests coax cable for opens, shorts and length with F-Connector interface

VDV PRO Tester

- Larger backlit LCD screen for better test results readability
- Selectable backlight
- Network link LED blink for visual cable tracing
- Voice testing capability detects RJ-11 (1, 2, or 3 pair)
- Voice test also shows Normal or Reverse for pins 1 through 6
- Length measurement is shown during initial test results for convenience and time savings
- Eight remotes have RJ-45, RJ-11 and Coax F-jacks for increased testing capabilities
- Tests for shield continuity, shorts, opens, miswires, reversals and split pairs with remote connected
- Full dot-matrix LCD display for user convenience to read display results
- One-ended testing for shorts, opens and split pairs (no remote needed)
- Test results displayed in wire map format with message line for shorts and split pairs

- Displays PASS and sounds beep (selectable) for T568A/B
- Will display wire map for 10Base-T and Token Ring with remote connected
- UTP, STP, and Coax length measurement in feet or meters using cable capacitance method
- Coax mapping with up to eight color coded coax remotes.
- Tone generator mode sends four different tones on all conductors, selected pair or selected pin
- Auto-off in any mode and low power consumption for long battery life
- Low battery symbol indicates when to change battery
- 9V battery included and easy to change in the future as needed
- Identifies presence of voltage on cables

Integrated RJ-11/12 (phone) RJ-45 (UTP/STP) and Coax (F-Connector) interfaces on top of the unit

Compact ergonomic design puts full-featured VDV functionality in the palm of your hand.

Simple four button operation

Dockable remote with RJ-11/12, RJ-45, and Coax (F-Connector) interfaces.

Remote #1 stores securely in the base of the main unit for ready availablity and easy patch cable testing

Remote ID number on display. UTP indicated as "No Shield" and STP as "Shield."

Large backlit LCD displays current test mode, test results and all faults for the various cable types.

Display automatically warns of voltage on lines and shows a "PASS" or "Miswire" message after each test.

Description	Cat. No.
VDV PRO w/one remote and terminator	**33-770**
VDV PRO w/eight remotes and terminators	**33-771**
VDV PRO Eight Remote Kit (ID 1-8)	**33-774**
Eight Coax Terminator Kit	**33-775**
VDV Pro w/one remote and probe	**33-780**

IENet™ PRO – the choice for Industrial Ethernet cable testing

The tester features a unique easy-to-use cable test for 2 pair and 4 pair Industrial Ethernet cabling. With shielded 2 pair, M12 and RJ-45 ports, the IENet™ PRO is compatible with most Industrial Ethernet cabling. Test results are displayed in the PROFINET® Industrial Ethernet required format.
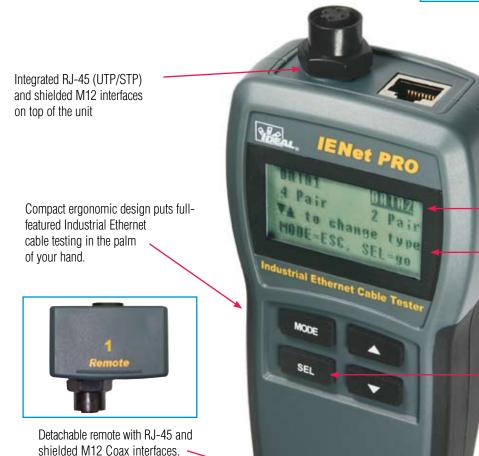
Instantly Verify Wiring Integrity

The IENet™ PRO tester makes it a snap to quickly verify wiring integrity and assure proper terminations for diverse types of industrial cabling.

■ Simple selection between Voice, 2 and 4 pair Data, and Coax testing functions (Voice and Video/Security tests via optional adapters)

■ Tests for opens, shorts, miswires, reversals, split pair (user selectable) and length

■ Indicates correct wiremap to T568A/B standards for shielded and unshielded cabling

■ Easy-to-read LCD display with "PASS" or "Miswire" indicator for each test

■ Identifies presence of voltages on cables

■ Tone generator supports four different tones making fault isolation easier

■ Integrated remote unit to make storage and carrying easier

■ Can support additional optional remotes making it efficient for one person testing

■ Network LED blink for visual cable tracing

■ Numerical indication for UTP "No Shield" and STP - "Shield" to comply with industrial ethernet PROFINET® requirements

PROFINET® is a registered trademark of PROFIBUS InternationaL.

Description	Cat. No.
IENet™ PRO w/single remote	**33-772**
IENet™ Pro w/eight remotes	**33-773**
Eight Coax Terminator Kit	**33-775**
IENet™ Pro Eight Remote Kit (ID 1-8)	**33-776**
RJ-45 to RJ-11 jack adapter (2/card)	**LA-4233**
RJ-45 to F-Connector adapter (2/card)	**LA-4234**
F to BNC Adapter Kit	**LA-4173**

Integrated RJ-45 (UTP/STP) and shielded M12 interfaces on top of the unit

Large backlit LCD displays user current test mode, test results and all faults for the various cable types.

Display automatically warns of voltage on lines and shows a Pass or Miswire message after each test.

Compact ergonomic design puts full-featured Industrial Ethernet cable testing in the palm of your hand.

Remote ID number indicated on display, UTP indicated as "No Shield" and STP as "Shield"

A single button push immediately selects between VOICE, 2 and 4 pair DATA or VIDEO testing functions.

Detachable remote with RJ-45 and shielded M12 Coax interfaces.

VDV Multimedia Cable Tester

Easy-to-use tester for installers working with voice, data and video applications. One tester for all applications!

- **Voice** – supports 3-pair USOC and 6-position RJ-11/12 jacks for telephone cable testing
- **Data** – supports both shielded and unshielded cable testing to T568A/B (RJ-45)
- **Video** – tests coax cable for opens and shorts with F-connector interface
- Tests for opens, shorts, miswires, reversals and split pairs. Plus tone and voltage detection.

Description	Cat. No.
VDV Multimedia Cable Tester	**33-856**

SIGNALTEK™-FO Multimedia Qualification Tester

SIGNALTEK™-FO is the first qualification tester that offers both copper and fiber optic testing.

- Fiber Optic and Copper Gigabit Qualification to IEEE 802.3 standards
- Easy reporting and no software required
- Multimode and Single Mode capability – Qualify short and long range fiber cabling up to 10km
- BERT and Optical Attenuation Measurements— Perform Bit Error Rate Testing and decibel (dB) loss measurements of optical links
- Active Port Interface – DHCP, PING and ARP functions to verify set speed and connected devices

Description	Cat. No.
SIGNALTEK™-FO w/850 Modules	**33-981**
SINGALTEK™-FO w/13X0 Modules	**33-982**
SIGNALTEK™-FO w/850 & 13X0 Modules	**33-983**
SIGNALTEK™-FO w/o Modules (Fiber-Ready)	**33-987**
SIGNALTEK™ Kit (Copper Only)	**33-974**

OTDR

- Short Attenuation and Event Dead Zones – for accurate location and characterization of events
- Autotest Function – provides simple one-button operation
- Fast Data Acquisition – important for troubleshooting intermittent problems
- Interchangeable Fiber Adapters – easy on-site replacement
- USB port – convenient data transfer to PC
- Certifying OTDR Option – for tier-2 certification
- Includes Macro Bend detection – accurately detects macro bends in singlemode fiber
- Fiber Inspection Probe ready – includes port for video inspection probes

Description	Cat. No.
MM OTDR Kit with Macro Bend Detection	**33-960-10MB**
Quad OTDR Kit with Macro Bend Detection	**33-960-30MB**

SecuriTEST™ PRO CCTV/Security Tester

- Seven Essential CCTV Tools combine a CCTV video tester, PTZ camera controller, digital multimeter, UTP cable tester, video test pattern generator, PTZ protocol analyzer and camera programmer in a single compact package.
- Peak to Peak voltage (IRE) and audio level
- Save Time & Money – Test, aim, focus and program cameras when working alone. Save time by not having to walk back to the control center to verify functionality of each camera.
- PTZ Protocol Analyzer – Compatible with 20+ PTZ protocols to test and program cameras in the field. Decodes and identifies output from PTZ console to aid in troubleshooting.

Description	Cat. No.
SecuriTEST™ PRO CCTV/Security Tester and Case	**33-892**

LanTEK® II Series Cable Certifier

- Models ranging from 350 MHz to 1000 MHz for Category 6/ISO E through Category 7A/ISO FA certification
- High speed testing saves time and money
- Stores over 1700 Category 6/ISO E tests with graphs
- Eliminates expensive permanent link adapters and test with patch cords for most installation
- Extraordinary fast fiber testing with FiberTEK® FDX - the first dual wavelength, bidirectional fiber certification tool
- Large, ultra-bright display - 4.3" wide screen display with white LED backlighting provides easy viewing of high-frequency data plots
- 350 MHz & 500 MHz models are fully upgradable to 1000 MHz
- Smart lithium-ion battery technology - 18 hour battery life

Description	Cat. No.
LanTEK® II-350: TIA/EIA Cat6, ISO Class E certifier w/Cat6 adapters	**33-991**
LanTEK® II-500: TIA/EIA Cat6A, ISO Class EA certifier w/Cat6A adapters	**33-992**
LanTEK® II-1000: TIA/EIA Cat7A, ISO Class F/FA certifier w/Cat6A adapters	**33-993**
Multimode (850/1300nm) kit with LED light sources for standard multi-mode fiber, 850nm LED, 1300nm LED	**33-990-FA01**
Multimode (850/1300nm) kit with VCSEL/laser light sources for laser optimized fiber, 850nm VCSEL, 1300nm FP laser	**33-990-FA02**
Single mode (1310/1550nm) kit with laser light sources for single mode fiber, 1310nm FP laser, 1550nm FP laser	**33-990-FA03**
Combination MM/SM kit with LED MM sources and laser SM sources (33-990-FA01 & 33-990-FA03)	**33-990-FA04**
Combination MM/SM kit with VCSEL/laser MM sources and laser SM sources (33-990-FA02 & 33-990-FA03)	**33-990-FA05**