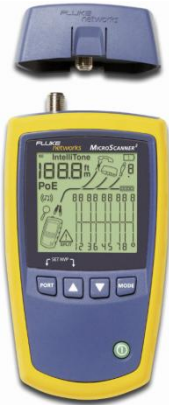


## MicroScanner<sup>2</sup> Cable Verifier Professional Kit



✓ Revolutionary oversized display

✓ Multimedia support

✓ IntelliTone toning

✓ Rugged housing

### Abstract

MicroScanner<sup>2</sup> Cable Verifier Professional Kit

### Features

- Next-generation MicroScanner verifies voice/data/video cable and services
- Revolutionary interface: Graphical wiremap, length, cable ID, and distance to fault displayed on one screen
- Multimedia support: Tests all common media types including RJ11, RJ45, Coax, with no need for adapters
- IntelliTone toning: Locates virtually any cable or wire pair with IntelliTone digital and analog toning
- VDV service detection: Verifies today's media services, including 10/100/1000 Ethernet, POTS, and PoE
- Rugged housing: Integrated rubber holster enhances grip and makes it durable enough for the toughest jobs
- Oversized display: Large, backlit LCD makes results crystal clear whether in bright sunshine or in a dark closet

### Product Overview

The MicroScanner<sup>2</sup> Cable Verifier presents a revolutionary change in voice, data, and video cable testing. It starts by taking results from what were four different test modes and displaying them all at once - graphical wiremap, pair lengths, distance to fault, cable ID, and far end device. What's more, its integrated RJ11, RJ45, and coax test ports support virtually any type of low-voltage cable testing with no need for awkward adapters. The end result is reduced test time and technician error. That makes high-quality installations more efficient than ever. Today's communications technicians have a lot more problems to deal with than just the cabling. They have to rule out a whole host of potential cable and service issues before determining the cause of a connection problem. Is there telephone voltage? What's the polarity? Is there an Ethernet switch at the far end? Is PoE available? MicroScanner<sup>2</sup> acknowledges this, giving technicians high power vision to verify today's most common voice, data, and video services. That means faster, more comprehensive troubleshooting.

## Technical Properties

Technical Properties	
Test connectors	Twisted-pair: UTP, FTP, SSTP 8-pin modular jack accepts 8-pin modular (RJ45) and 4-pin modular (RJ11) plugs; Coax: F-connector for 75 Ω, 50 Ω, 93 Ω cables
Cable tests	Length (460 m or 1500 ft. with resolution to 0.3 m or 1 ft.), wiremap to TIA-568A/B standards, remote ID locators; displays results on one screen
Tone generator	IntelliTone digital tone: [500 KHz]; analog tones: [400Hz, 1KHz]
PoE detection	Solicits and detects the presence of 802.3af compatible PoE (Power over Ethernet) devices
Ethernet port test	Advertised speed of 802.3 Ethernet ports (10/100/1000)
Power source	Battery type: 2 AA (NEDA 15A, IEC LR6) alkaline batteries Battery life: 20 hours of typical use Other compatible battery types: 2 AA photo lithium, NIMH, NICAD
Dimensions	3 in x 6.4" x 1.4 in (7.6 cm x 16.3 cm x 3.6 cm)
Weight	0.8 lbs. (363 grams)
Display	Monochrome liquid crystal display (LCD) with backlight
Calibration	User-configurable NVP for twisted pair and coax; determines actual NVP with known length of cable
Operating temperature	32 °F to 113 °F (0 °C to 45 °C)
Storage temperature	-4 °F to +140 °F (-20 °C to +60 °C)
Operating humidity	90 % (50 °F to 95 °F; 10 °C to 35 °C)
(%RH without condensing)	75 % (95 °F to 113 °F; 35 °C to 45 °C)
Shock vibration	Meets requirements for MIL-PRF-28800F for Class 2 random vibration; 1 m drop test with and without wiremap adapter attached
Safety	EN 61010-1 2nd Edition
Altitude	4000 m; storage: 12000 m
EMC	EN 61326-1
Agency certifications	N10140 C-Tick EMC standard; FCC Part 15 Class A; CE European Union Directives Pollution Degree 2
Warranty	One year

## Delivery Content

- 1x MicroScanner2 Cable Verifier with main wiremap adapter
- Remote identifiers #2-7
- 1x IntelliTone Pro 200 probe
- 1x shielded twisted-pair RJ45 patch cord
- 1x RJ11 patch cord
- 1x clip-set RJ45 to 8 alligator clip bare wire adapter
- 1x F Coax push on patch cord
- 1x accessory soft pouch
- 2x AA alkaline batteries, 1x 9V alkaline battery
- 1x MicroScanner2 Getting Started Guide, 1x MicroScanner2 Owners CD
- 1x IntelliTone Pro Getting Started Guide, 1xIntelliTone Pro owners CD
- packaged in a deluxe Fluke Networks carry case

## Product Images



## Product Number Information

ACT-MS2-KIT      MicroScanner2 Cable Verifier Professional Kit, includes MicroScanner2,  
Main Wiremap Adapter, batteries, guide, cables