

NCVD

Non-Contact Voltage Detector

Hazardous
Voltage Detection

Field Technician Safety Tool



Tii Technologies Inc.

Corporate Headquarters:

141 Rodeo Drive
Edgewood, NY 11717
Phone: 631.789.5000
Fax: 631.789.5063
Toll Free: 888.844.4720
sales@tiitech.com



NCVD

NCVD-P

NCVD-C

The Non-Contact Voltage Detector (NCVD) allows a communication technician to test a work location for the presence of potentially hazardous Alternating Current voltages. The NCVD detects the presence of the electric field associated with a live circuit without making contact to the wire or device under test. The NCVD is molded out of insulating thermoplastic material to further reduce the risk of exposure.

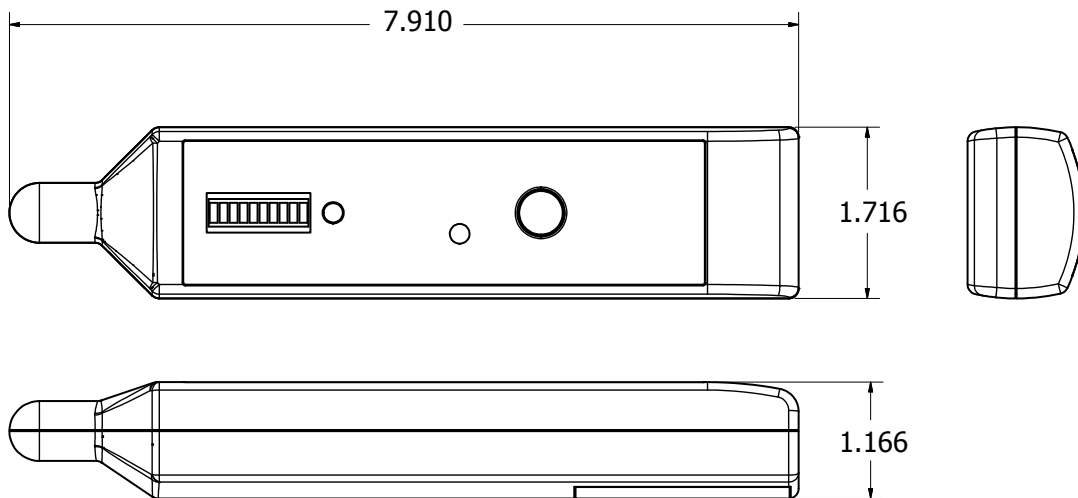
The NCVD filters out 20Hz frequencies associated telephone ring signals and high frequency noise >200Hz to greatly minimize false readings.

The NCVD provides an audible alarm if the detected AC voltage exceeds approximately 50V. It also provides a visual indication of the detected voltage using a 10 segment bar graph display.

Optional accessories include a leather tool belt pouch, conductive cap, and coiled ground wire.

KEY PRODUCT BENEFITS

- ▶ Hazardous voltage detection without requiring contact to device under test
- ▶ Insulating thermoplastic housing
- ▶ Minimizes false alarms: suppresses high frequency noise and telephone ring signals
- ▶ Visual indication of sensed voltage
- ▶ Audible alarm for voltage exceeding 50V
- ▶ Small size, lightweight
- ▶ UL listed to U.S. and Canadian safety standards
- ▶ NEBS Compliant for Portable Test and Measurement Equipment



Dimensions are in Inches

SPECIFICATIONS

Technical	
Range	0 to >200 VRMS
Voltage Sensing	AC only
Detection Frequency	50 to 150 Hz
Display	10 Segment LED Bar Graph, Log Response
Audible Warning	>50 VRMS Sensed Voltage, Approximately 75 dba @ 1 Ft.
Size	1.7" x 0.9" x 7.8"
Weight	4.75 Ounces
Battery Type	9 Volt Alkaline* <i>*not included</i>
Battery Life	> 12 hours when idle and bar graph LED not activated
Environmental	
Operating	-20°C to 50°C at 10% to 95% RH, non-condensing
Storage	-40° C to 85°C at 0 to 100% RH, non-condensing
Standards Compliance	cUL Listed

ORDERING INFORMATION

Model #	Description
NCVD	Non-Contact Voltage Detector
NCVD/NCVDP	NCVD with Leather Tool Belt Pouch
NCVD/NCVDPC	NCVD with Leather Tool Belt Pouch and Conductive Cap

ACCESSORIES

Model #	Description
NCVDP	Leather Tool Belt Pouch for NCVD
NCVDC	Conductive Cap for NCVD
NCVD-GND40	40' Retractable Ground Cord