

PROFESSIONAL GRADE TOOLS THAT ARE EASY TO USE

REVOLUTIONARY TECHNOLOGY (YOU CAN AFFORD)

BYTE BROTHERS PRODUCT CATALOG NO. 27





QUESTION: HOW DO TOOLS GROW YOUR LOW VOLTAGE BUSINESS?

ANSWER: QUALITY, AWARD WINNING BYTE BROTHERS TESTERS GROW YOUR BUSINESS IN TWO WAYS.



1. The right tool saves time, money and increases your profits. Here are some examples of what the right tool can do for you...

THE RIGHT TOOL

Cable problems? The Real World Certifier manages your cables from “distance to a short” to “excessive propagation delay.”

Switch problems? The Power Panel tells you if a switch is ON; the speed; and if the switch has PoE available to power devices.

CCTV down? The Low Voltage Pro, among its many tests, displays the camera’s video signal amplitude.

2. The right data to your customer is your most valuable service... for example...

THE RIGHT DATA

Proof of test. Both the Real World Certifier and the Low Voltage Pro provide you and your customer printed reports of the results you collected during cable installation. The reports document testing and are helpful if there are in future problems.

Ethernet devices drawing too much power. The Power Panel (inline model) measures the power draw (in watts) of the VoIP phone, IP camera or access point that you are installing or maintaining. Too much power draw is the number one reason why networks using Power over Ethernet (PoE) fail.

HOW TO CHOOSE YOUR TESTER

REAL WORLD CERTIFIER 2™

LOW VOLTAGE PRO™

POWER PANEL™

TVR10100/1000™ LAN TESTER

Pro Tone™

POCKET CAT™ POCKET RJ45 / COAX TESTER

REVOLUTIONARILY EASY TO USE AT A FAIR VALUE

CAT5/6 CABLE INSTALL AND MAINT						
VoIP PHONE, IP SECURITY CAMERA, ACCESS POINT INSTALL AND MAINT						
GENERAL ETHERNET DEVICE INSTALL AND MAINT						
INFORMATION TECHNOLOGY (IT) MANAGER						
NETWORK MANAGER						
CCTV SECURITY CAMERA INSTALL AND MAINT						

LOW VOLTAGE PRO

"Nails it every time!"

TESTS BOTH CABLES AND DEVICES

4 MODELS... WEB UPGRADEABLE

1

ALERT LEDS
TONE LOCATOR
PORT BLINK
SPEAKER POP
SPEAKER 7.1 ID
WALL JACK ID
CABLE TEST PACK

ORDER
LVPRO 1

CABLE TEST
+ 6 APPS

2

LENGTH-RLQ PACK
ALERT LEDS
TONE LOCATOR
PORT BLINK
SPEAKER POP
SPEAKER 7.1 ID
WALL JACK ID
CABLE TEST PACK

ORDER
LVPRO 2

CABLE TEST
+ LENGTH-RLQ PACK
+ 6 APPS

3

PRINT RESULTS
BATTERY LOAD
CCTV SIGNAL
PHONE VOLTS
PoE VOLTS
10/100/1000
LENGTH-RLQ PACK
ALERT LEDS
TONE LOCATOR
PORT BLINK
SPEAKER POP
SPEAKER 7.1
WALL JACK
CABLE TEST PACK

ORDER
LVPRO 3

CABLE TEST
+ LENGTH-RLQ PACK
+ 12 APPS

3SR

PRINT RESULTS
BATTERY LOAD
CCTV SIGNAL
PHONE VOLTS
PoE VOLTS
10/100/1000
LENGTH-RLQ PACK
ALERT LEDS
TONE LOCATOR
PORT BLINK
SPEAKER POP
SPEAKER 7.1
WALL JACK
CABLE TEST PACK

ORDER
LVPRO 3SR

CABLE TEST
+ LENGTH-RLQ PACK
+ 12 APPS + RJ45 SMART REMOTES (8)



MODEL 3
SHOWN

MODEL 1 TEST APPS



CABLE TEST PACK (ALL TYPES)
Cable diagram, Pass/Fail, Delay, Skew, Ohms
1% HQ Length included with LVPro 2 and 3.



WALL JACK MAPPERS AND SMART REMOTES*
ID only or test/ID in one pass (Smart Remotes)
RJ45 and coax. Requires remote kit(s).



SPEAKER POPPER
Locate speakers by audibly "popping" them.
Alligator clips included with all LVPRO Models.



SPKR 7.1 ID# MAPPER*
Especially designed to properly map and
label A/V speaker wires. Requires remote kit.



PORT BLINK CABLE DETECTION
Locate a cable connection to a switch port by
blinking the switch's Link LED.



TONE CABLE DETECTION*
Place a tone on one end and detect it on the
far end. Requires remote tone probe.

ALERT

ALERT LEDS (LINKS, VOLTS)
Two LEDs quickly alert you to an active switch
connection or voltage on the line.



MODEL 3 ADDS THESE TEST APPS



10/100/1000 DETECTION/DISPLAY
Plug into any active port (computer, switch, VoIP,
access point) and display its capabilities.



PoE / PAIRS
Detect PoE voltage and display its amplitude and
location on the cable (midspan, endspan or both).



CCTV / Vpp (peak to peak voltage)
CCTV systems require a minimum of 1Vpp to
DVR. Measure and display Vpp of video signal.



PHONE
Detect central office telephone connections.
Display voltage and cable location (up to 4 phones).



LOADED BATTERY TEST
Test alarm system and other backup
batteries by doing a loaded battery test.

PRINT

PRINT UP TO 250 REPORTS
Store for later printing up to 250 tests (all
cable types). USB and software included.



MODEL 2 ADDS THIS TEST APP

LENGTH-RLQ PACK

Get perfect length, all wire types. Use built-in VOP
values or calibrate with your cable. Adds length
readout to Cable Test App (cable length, distance
to open or short). Also includes RLQ (below).



RLQ Included with the Length-RLQ APP, Return
Loss Quality tests for load mismatches that
affect the wire's power and data transfer capability.

ACCESSORIES



COAX IDs
LVP-COAX



RJ45/COAX IDs
LVP-RJ45COAX



RJ45 IDs
LVP-RJ45



SMART RJ45 IDs
TEST/ID ONE PASS
(INCLUDED IN 3SR KIT)



SPEAKER IDs
LVP-SPEAKER



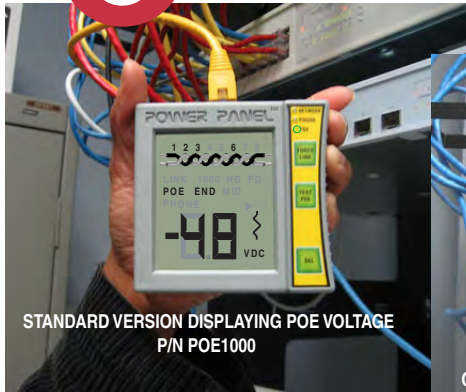
TONE PROBE
LVP-P

* See web for accessories

POWER PANEL™

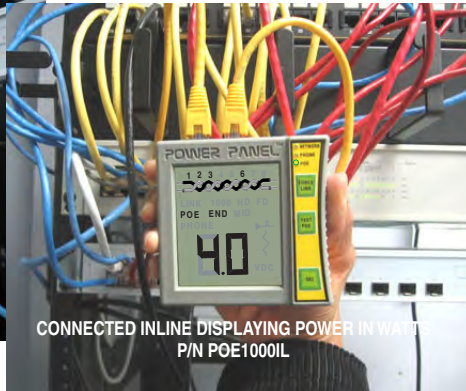
CAT5/6 DVM (JACK AND POE TESTER)

3 POWER PANEL DVM MODELS TO CHOOSE FROM!



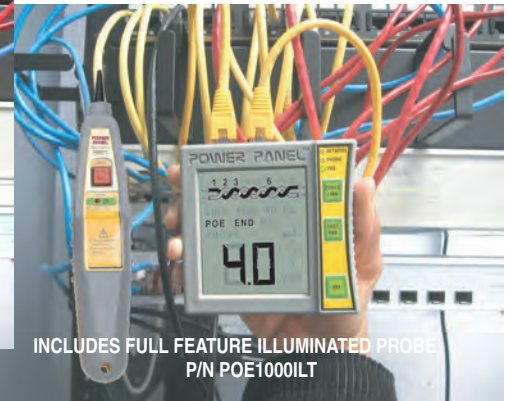
STANDARD VERSION DISPLAYING POE VOLTAGE
P/N POE1000

MODEL POE1000 STANDARD POWER PANEL



CONNECTED INLINE DISPLAYING POWER IN WATTS
P/N POE1000IL

MODEL POE1000IL POWER SENSING INLINE MODEL



INCLUDES FULL FEATURE ILLUMINATED PROBE
P/N POE1000ILT

MODEL POE1000ILT POWER PANEL TONE STAR

STANDARD UNIT FEATURES P/N POE1000

Scans pins and displays:
PoE power: Volts, watts, cable pair location, end / midspan.
Advertised data switch speed (10,100,1000 MB/s), duplex.
Cable pair location.
Phones (digital, analog)
INTERACTIVE BUTTONS:
VoIP phone and IP camera load simulator.
Link pulse transmit button.
OTHER FEATURES:
Tone generation
Port beacon, Auto shutoff
9V battery (included).

INLINE FEATURES P/N POE1000IL

All of the features of the Standard model plus:
POWER PASS THRU
Two jacks allow PoE power to be passed to the PoE device so it can be tested.
POWER MEASUREMENT
Placed **INLINE** between two devices, the power draw of the device can be measured in watts. Too much power draw is the number one reason for IP/PoE network failure.

TONE STAR FEATURES P/N POE1000ILT

All of the features of the **INLINE** model plus:
AN ILLUMINATED PROBE
The Tone Star model includes a full featured, filtered probe for tracing tones (wire location).
The probe features an ultra-bright LED lighted tip, filtering to block fluorescent hum, volume control, 2 status LEDs, adapters for alarm wire, RJ11, RJ45 and coax connectors.

“The power panel lets you know what’s there before you plug in.”

“If you install VoIP or camera systems this will become your main tool.”

WHY BUY: Want to be your own man and know what’s on a jack during an install? Network, telephone, PoE. Tired of chasing other people around and asking? And the “inline” model even measures PoE power (watts).

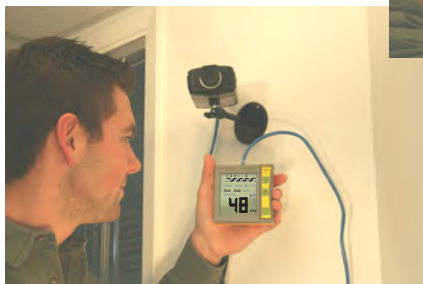
THE OLD WAY OF TESTING FOR VOLTAGE AND POWER

TEDIOUS • TASTELESS



THE NEW WAY OF TESTING FOR VOLTAGE AND POWER

SMART • ACCURATE



Made in the USA
Patent pending
Copyright 2010
Byte Brothers, Inc.

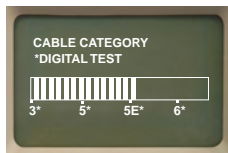
CABLE AND POWER KITS

Special pricing when you combine the Power Panel with the Real World Certifier.

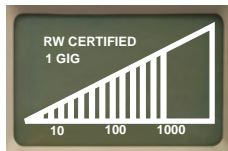
CPK1000 RWC1000K and POE1000
CPK1000IL RWC1000K and POE1000IL

**BOTH PRINTING
AND NON-PRINTING
MODELS AVAILABLE**

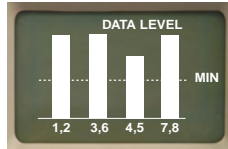
REAL WORLD™ CERTIFIER 2



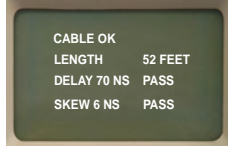
**Cable Category
CAT 3,5,5E,6**



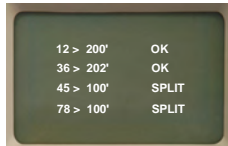
**Speed testing
10MB, 100MB,
1000MB**



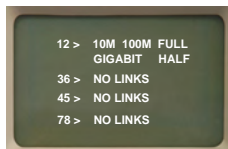
**Data levels of
real live data
(from any device)**



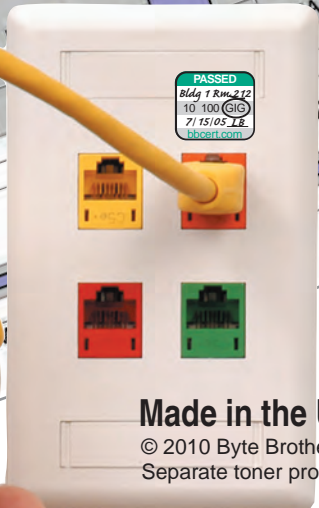
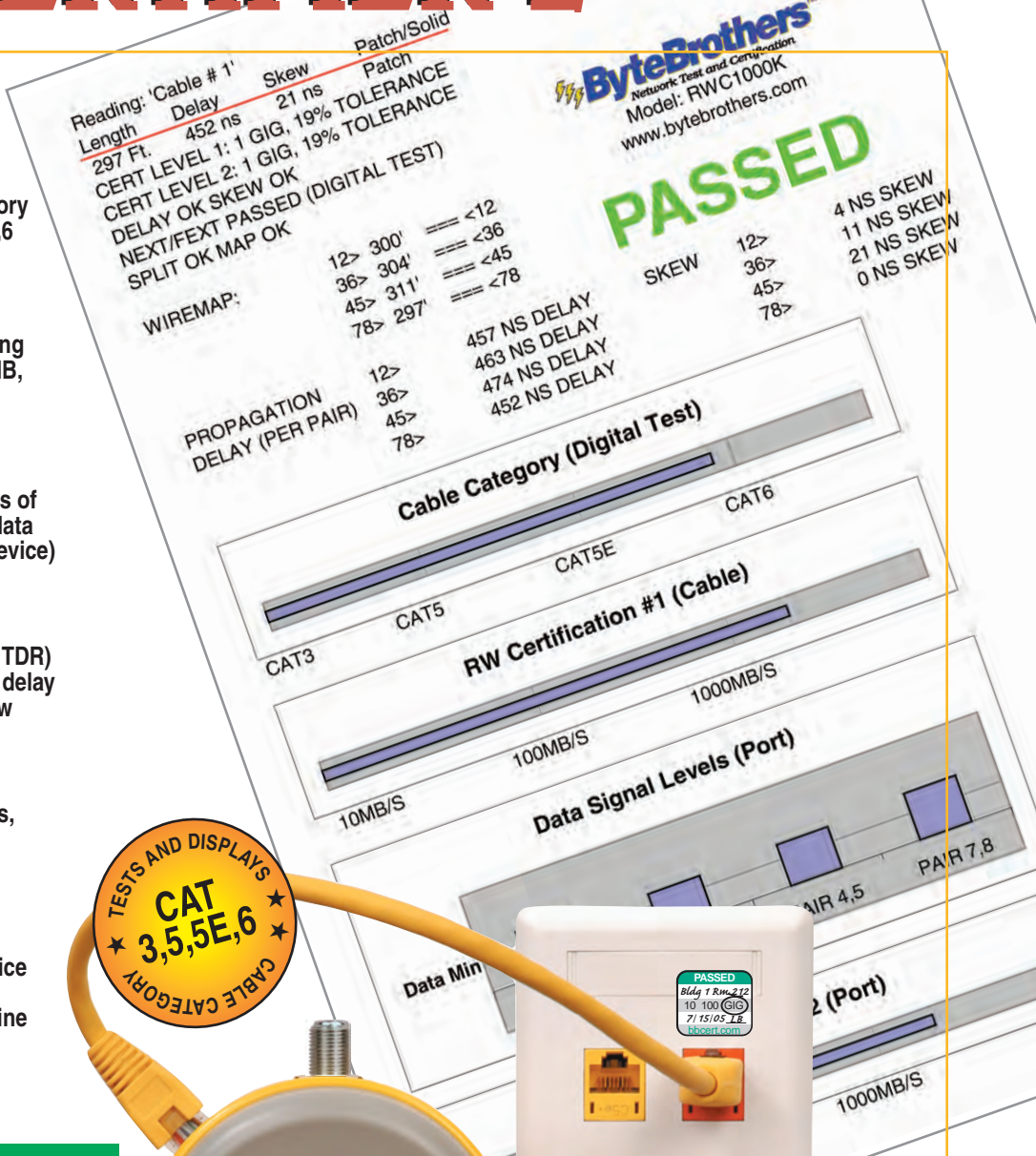
**Length (real TDR)
Propagation delay
and skew**



**Splits, opens,
shorts,
wire map.**



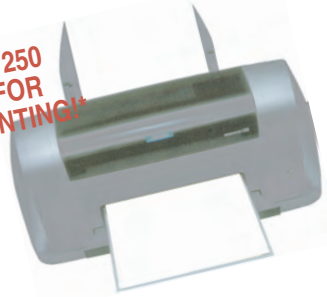
**Network device
testing
including inline**



Made in the USA
© 2010 Byte Brothers, Inc.
Separate toner probe included

WHY BUY: In addition to length, open, shorts and split pairs, the RWC looks at the speed parameters of a cable. Add this to the network tests and the "proof-of-test" reports and you have valuable services to offer your customer.

**STORES 250
TESTS FOR
LATER PRINTING!**



See it in action. Call for our free 1 hour DVD.
800-999-2983 (USA) or
cs@bytebrothers.com

**RWC1000K - PRINTING
RWC1000NP - NON PRINTING**

* Requires a PC with Microsoft's®Excel®

GIGABIT,
DUPLEX AND PoE

TVR10/100/1000™ LAN TESTER

INSTANT ANSWERS ABOUT HUBS/SWITCHES/PCs AND CABLES

MODEL TVR10/100/1000K

NO EXPERIENCE REQUIRED!

A proven tester that we have been making for 20 years.

INSTANTLY DISPLAY*

Device type (hub/switch or PC)

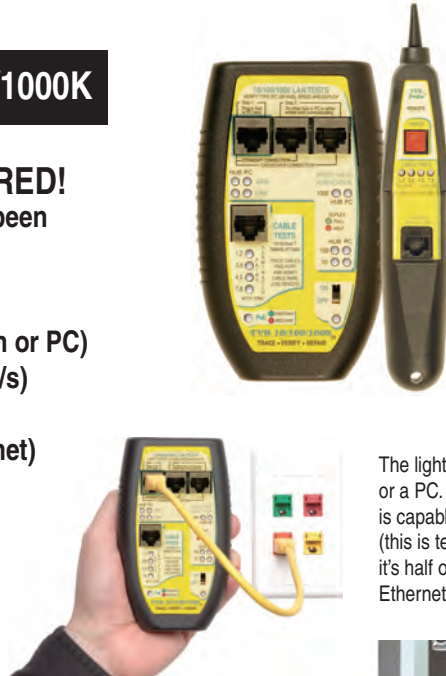
Speed (10,100,1000 MB/s)

Duplex (half, full)

PoE (Power over Ethernet)

*No training required!

1 ADVERTISED SPEED AND POWER OVER ETHERNET



The lights quickly tell you if the device is a hub/switch or a PC. It reads the link pulse to determine if the device is capable of 10, 100 and/or 1000MB/s communication (this is termed the *advertised* speed). It displays whether it's half or full duplex. Plus, it detects PoE (Power over Ethernet). Both endspan and midspan.

2 NEGOTIATED SPEED AND POWER OVER ETHERNET



Go *INLINE* between two LAN devices and the TVR10/100/1000 will check the speed and duplex of the link (this is termed *negotiated* speed). The ability to test negotiated speed in this price range is unheard of! Plus, it detects PoE (Power over Ethernet). Both endspan and midspan.

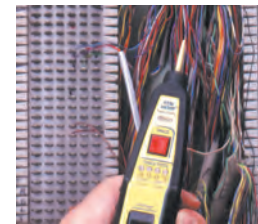
3 TEST CABLES



The TVR10/100/1000 is also a pairs tester... telling you which pairs are wired and whether they are straight through or crossover.

4 TRACE CABLES

Use the TVR10/100/1000 as a tone generator. The Main unit generates the tone for use by the Remote probe.



Test and trace coax cables with the two RJ45/coax adapters.

COAX CABLES



The quick LAN tester that should be in every toolbox! Unique for its ease-of-use, and *INLINE* capability, the TVR10/100/1000 performs 4 critical tests.

WHY BUY: No complicated menus. Just what you need for quick answers while troubleshooting network problems. Plug in the TVR and watch the LEDs.

POCKET CAT™

POCKET RJ45 / COAX TESTERS

LONG CABLES



SHORT CABLES



INSTALLED CABLES



- TOP QUALITY TESTS ... AFFORDABLY PRICED
- ... TESTS CAT5/6 CABLES TO TIA568 SPECS
- ... TESTS BOTH CAT5/6 AND COAX CABLE
- ... TONE FOR TRACING CABLES
- ... AVAILABLE LIGHTED PROBE

- Tests both RJ45-CAT5/6 and coax cables.
- Ruggedized for field use. No LCD to break.
- PASS/FAIL results appear in one second.
- Each pair's status is highlighted.
- Complete TIA568 test performed. Continuity, opens / shorts, reversals and split pairs.
- Tone mode for tracing and troubleshooting.
- Auto-off (12 seconds) battery saver.
- Low battery indicator.
- Belt clip, batteries (9V) and pouch included.



Instant blue LED PASS/FAIL Indication

RUGGEDIZED FOR FIELD USE

The perfect testers for any toolbox. Performs a TIA568 test on CAT5/6 network cable (RJ45) with instant PASS/FAIL results. Ruggedized and cushioned for toolbox use with a hidden drawer for remote storage. Includes a tone generator. Available with or without a filtered, lighted inductive tone probe. Coax remote also included. Ruggedized for field use.



FILTERED, LIGHTED TONE PROBE (CTX200P KIT)

MODEL CTX200
RJ45/COAX TESTER/TONER
WITHOUT PROBE

MODEL CTX200P
RJ45/COAX TESTER/TONER
WITH PROBE

WHY BUY: Every installer needs a tester for everyday use... and the Pocket Cat is the perfect everyday tester. Ruggedized and cushioned for toolbox survival (no LCD). Quick and accurate PASS/FAIL test results... instantly.



WIRE LOCATOR- ALL WIRE TYPES

SENSITIVE • LIGHTED • AC SAFETY LED



- LOUD TONE WITH FILTERING TECHNOLOGY LOCATES WIRES QUICKLY
- ULTRABRIGHT LED ON TIP FOR GREATER VISIBILITY IN DARK CLOSETS!
- VOLUME CONTROL AND TONE LED FOR CONTROLLED OPERATION
- INSULATED TIP AND "60HZ PRESENT" WARNING LED FOR SAFETY
- RJ11, RJ45 AND INSULATED ALLIGATOR CLIPS FOR CONNECTION
- POUCH AND 9V BATTERIES INCLUDED
- Filtered: Special filtering blocks humm from fluorescent lighting

The famous probe sold with 1000s of our Real World Certifiers™ is included in this ProTone Kit™

MODEL CTX590

AVAILABLE THROUGH YOUR LOCAL DISTRIBUTOR

WARRANTY: 1 YEAR PARTS AND LABOR
SEE MANUALS FOR SPECIFICS

TECH SUPPORT: ALL PRODUCTS RECEIVE FREE SUPPORT FROM NEWCASTLE, WA USA

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25th Anniversary— bytebrothers.com
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Color
MINI MONITOR 2.5

CCTV MONITOR

ACTUAL SIZE



FULL COLOR • BATTERY AND AC POWER

FULL FEATURE CCTV COLOR MONITOR, COMPLETE WITH COLOR AND BRIGHTNESS CONTROLS. CONNECTS TO THE CAMERA VIA A BNC CONNECTOR (INCLUDED).

VIDEO CHIP: MINI MONITOR 2.5 USES INTERSIL'S® NTSC/PAL SINGLE CHIP VIDEO DECODER. IT IS DURABLE AND CONSUMES VERY LITTLE POWER.

LCD: THE ACTIVE MATRIX COLOR LCD FEATURES FEATURES 480 x 234 PIXEL RESOLUTION (2.5" DIAGONAL).

CONTINUOUS USE: CONNECT THE AS ADAPTER FOR CONTINUOUS USE OR RECHARGING THE BATTERY.

LITHIUM-ION BATTERY: THE RECHARGEABLE BATTERY IS HIGH CAPACITY WITH A 4 HOUR BATTERY LIFE.

DESK STAND AND WRIST STRAP (FOR PORTABLE WORK) INCLUDED IN PACKAGE.

MODEL VTX025



WRIST MONITOR ALIGN CAMERAS