



# DATASCOOUT<sup>®</sup> 10G

QUICKLY TEST DSO-TIMS, 10G ETHERNET,  
AND EVERYTHING IN-BETWEEN



# INCREASED PRODUCTIVITY & EFFICIENCY



## SIMPLE TO USE, FAST TO LEARN:

- Touch screen tablet design
- No confusing menus
- Intuitive test configuration
- Training videos embedded in application



## ADVANCED FEATURES:

- Power-up 3X's faster than the competition\*
- Test DSO-TIMS up to 10G Ethernet
- Test multiple services simultaneously
- Remote control via Bluetooth® or standard web browser

## SPECIFICATIONS:

|                                   |                                                                       |
|-----------------------------------|-----------------------------------------------------------------------|
| Display & Input:                  | 7" WVGA LCD touch screen.<br>800x600 resolution.                      |
| Weight (Varies by configuration): | 0.91 kg (2.0 lbs) minimum<br>1.36 kg (3.0 lbs) maximum                |
| Dimensions:                       | 10 x 6.5 x 2.2 inches (WxHxD).<br>254 x 165 x 56 millimeters (WxHxD). |

## RUGGED & RELIABLE:

- Plug & Stay - No modules to lose!
- Replaces up to 8 handhelds\*
- Aluminum case with protective rubber boot
- Designed, manufactured and supported in USA

## DESIGNED FOR:

- Service Providers
- Utilities & Municipalities
- E911 Communication Networks
- Data Centers

## ENVIRONMENTAL:

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature: | 10°C to 55°C / 14°F to 131°F                                                                                              |
| Operating Humidity:    | 0% to 93% RH non-condensing                                                                                               |
| Storage Temperature:   | -20°C to 70°C / -4°F to 158°F.                                                                                            |
| Battery Type:          | Li Ion battery pack.                                                                                                      |
| Run Time:              | 2-8 hours (varies by test mode).                                                                                          |
| External Power:        | Mains: 110-240VAC, 50-60Hz with adapters.                                                                                 |
| Enclosure:             | Shell: Rugged 1.5mm extruded aluminum.<br>Boot: Rubber with Wi-Fi antenna storage slot.<br>Kickstand: Power coated steel. |

## 1 GOES BEYOND TESTING

- Tablet comes loaded with standard applications including web browser, email, document viewer and more.
- Onboard user manual & training videos
- Wired, Wi-Fi® and Bluetooth® remote options
- Print and Export reports to PDF or CSV



## 2 ETHERNET

- Dual 10/100/1000BaseT ports
- Dual 100/1000BaseX SFP ports
- Single 10Gbps SFP+ Port (a)
- Read/Diagnose SFP data and optical power
- Quick Test (BERT)
- RFC-2544 and Y.1564
- Multistream (16) test streams
- EMIX, VLAN, MPLS & Jumbo frames
- IPv4 and IPv6 included standard
- Loopback & End-to-End test modes
- Discover and loopup/down six remote units
- Automatically respond to loopup/down commands
- Save test profiles
- Easy to read graphical reports

## 3 4 WIRE DDS

- CSU/DSU emulation
- 56K primary/secondary modes
- 64K clear channel mode
- Real-time received byte display
- Monitor received signal level

## 4 DS1 & DS3

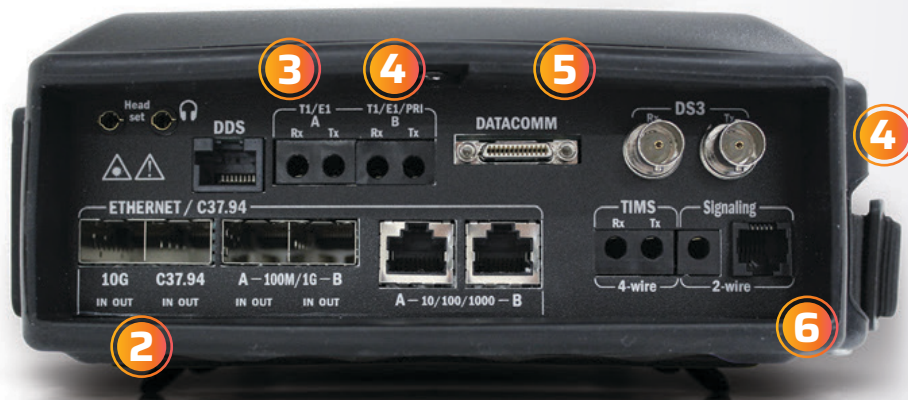
- DS3 and Dual T1/E1 interface options
- PRI-ISDN NT/TE interface option
- G.821 PRI-ISDN data logging option
- DSO Voice & Data Testing
- DS3-THRU mode
- Bit Display
- CSU/NIU Emulation Mode
- DDS Latching loopbacks
- Loopup/down repeaters & spans
- Replacement for TBERD 107a, 224, 227, etc.

## 5 DATACOMM

- Sync/Async & DTE/DCE modes
- 50bps-250kbps in 1 bps steps
- V.35
- EIA-530(A)
- RS232 (V.28)
- RS449 (V.36)
- RS530
- X21 (V.11)
- High Impedance mode
- Bi-directional loopback mode
- Displays DTE/DCE signal status

## 6 SIGNALING - TIMS/DSO

- Comprehensive VF test suite
- TIMS 2/4 wire signal generator up to 2MHz
- Signaling modes: LS, GS,
- DID, E&M
- CO/PBX emulation modes
- Transmit +13dB, Receive -50dB
- Impulse noise measurement
- Dropouts, gain and phase hit measurement
- Replacement for Am5, CXR 704a
- HP4935, etc.



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The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

# INCLUDED FEATURES

| PART NO.                           | DS-TIMS<br>(TIMS ONLY)<br>52078997 | DS10G-COMBO-<br>LEGACY<br>52078999 | DS10G-COMBO-<br>EVERYTHING<br>52086580 | DS10G-COMBO-<br>ETHERNET<br>55500514 | DS10G-FAAF | DS10G-FAAT |
|------------------------------------|------------------------------------|------------------------------------|----------------------------------------|--------------------------------------|------------|------------|
| 1G REFLECTOR FED                   |                                    |                                    |                                        |                                      |            |            |
| 10G REFLECTOR FED                  |                                    |                                    |                                        |                                      |            |            |
| ETHERNET 1G<br>SINGLE PORT         |                                    |                                    | ✓                                      |                                      |            |            |
| ETHERNET 1G<br>DUAL PORT           |                                    |                                    | ✓                                      | ✓                                    | ✓          |            |
| ETHERNET 10G                       |                                    |                                    | ✓                                      | ✓                                    | ✓          |            |
| QUICK TEST (BERT)<br>& RFC-2544    |                                    |                                    | ✓                                      | ✓                                    | ✓          |            |
| ITU-T Y.1564 &<br>MULTISTREAM (16) |                                    |                                    | ✓                                      | ✓                                    | ✓          |            |
| DSO (TIMS)                         | ✓                                  | ✓                                  | ✓                                      |                                      | ✓          | ✓          |
| DSO EXTENDED<br>TEST RANGE         | ✓                                  | ✓                                  | ✓                                      |                                      | ✓          | ✓          |
| DS3, T1/E1                         |                                    | ✓                                  | ✓                                      |                                      | ✓          |            |
| T1 CSU/NIU EMULATION               |                                    | ✓                                  | ✓                                      |                                      | ✓          |            |
| DUAL PORT T1/E1                    |                                    | ✓                                  | ✓                                      |                                      | ✓          |            |
| DDS                                |                                    | ✓                                  | ✓                                      |                                      | ✓          |            |
| DATA COMM                          |                                    |                                    | ✓                                      |                                      | ✓          |            |
| SMF & MMF<br>JUMPERS LC & SC       |                                    |                                    | ✓                                      |                                      |            |            |
| MMF JUMPER LC/ST                   |                                    |                                    | ✓                                      | ✓                                    |            |            |
| SMF & MMF 1G<br>TRANSCEIVERS (2)   |                                    |                                    | ✓                                      | ✓                                    | ✓          |            |
| SMF & MMF 10G<br>TRANSCEIVER       |                                    |                                    | ✓                                      | ✓                                    | ✓          |            |
| MMF, SMF, COPPER<br>LOOP PLUGS     |                                    |                                    | ✓                                      | ✓                                    | ✓          | ✓          |
| ETHERNET CAT5<br>PATCH CABLE       |                                    |                                    | ✓                                      |                                      |            |            |
| BANTAM LEADS<br>RED/BLUE           | ✓                                  | ✓                                  | ✓                                      | ✓                                    | ✓          | ✓          |
| BANTAM TO DUAL<br>ALLIGATOR (2)    | ✓                                  | ✓                                  | ✓                                      | ✓                                    | ✓          | ✓          |
| RJ48 TO DUAL BANTAM                | ✓                                  | ✓                                  | ✓                                      | ✓                                    | ✓          | ✓          |
| BNC LEADS RED/BLUE                 |                                    | ✓                                  | ✓                                      | ✓                                    | ✓          |            |
| DDS RJ-48 TEST LEADS               |                                    | ✓                                  | ✓                                      |                                      | ✓          |            |
| AC CHARGER                         | ✓                                  | ✓                                  | ✓                                      | ✓                                    | ✓          | ✓          |
| PADDED CASE                        | ✓                                  | ✓                                  | ✓                                      | ✓                                    | ✓          | ✓          |
| USB OTG CABLE                      | ✓                                  | ✓                                  | ✓                                      | ✓                                    |            |            |

Do you like this solution?

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