

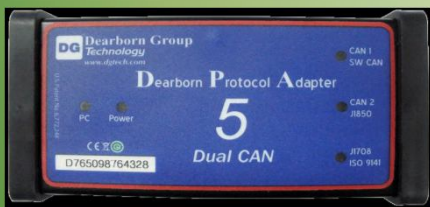


Dr Diesel Technologies – A Service Disabled Veteran Owned Company

# Diagnostic Analyzer Test Set (DATS-II)

**GSA** Contract Holder  
GS-07F-074AA

Includes Wireless  
Vehicle Interface Adapter



For Supply System orders:

Diagnostic Analyzer Test Set (DATS-II)

Part Number: DDTs-KT02A

Base Price: \$9498.00

DR DIESEL TECHNOLOGIES

Cage Code: 8A1P5

DUNS: 154590330

Dr Diesel Technologies is a  
Certified Panasonic TP3  
partner



TOUGHBOOK

For information contact:

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## U.S. ARMY Version



The true “all in one” hand held diagnostic Tool needed to diagnose and troubleshoot U.S. Military Ground equipment equipped with J1708 / J1939 Data Bus.

The perfect wireless diagnostic solution for the **FMTV, PLS, HET, HEMTT, HIMARS, MRAP, M-ATV** and **M915**.

The DATS-II includes the following:

- Computing Platform FZ-G1 (3 year warranty)
- NATO / Cigarette Vehicle Power Adapter
- Vehicle Interface Adapter (Wireless / USB)
- Rugged Carrying Case
- OEM Diagnostic Software
  - Engine Diagnostics
  - Transmission Diagnostics
  - ABS Diagnostics
  - CTIS Diagnostics
- Motor Transport IETMs & ETMs
- In Theater Support (Afghanistan & Iraq)



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# DATS-II Platform Specifications

Model Processor	<ul style="list-style-type: none"> <li>• DDTS-KT02A</li> <li>• Intel Core i5-3437U vPro Processor 1.9GHz with Turbo Boost up to 2.9GHz</li> </ul>
Physical Memory	<ul style="list-style-type: none"> <li>• 4 GB RAM</li> </ul>
Solid State Drive	<ul style="list-style-type: none"> <li>• 128 GB</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>• Windows 7 or Windows 8 Professional</li> </ul>
Wireless PAN	<ul style="list-style-type: none"> <li>• Bluetooth (built in)</li> </ul>
Wireless LAN	<ul style="list-style-type: none"> <li>• WiFi 802.11 a / b / g / n (Built-in)</li> </ul>
Physical Description	<ul style="list-style-type: none"> <li>• Dimensions: 10.6" (L) X 7.4" (W) X 0.8" (H)</li> <li>• 2.5 lbs</li> </ul>
Inputs	<ul style="list-style-type: none"> <li>• 1 x USB 3.0 port</li> <li>• 1 x Headphones/Speaker</li> <li>• 1 x Microphone/line-in</li> <li>• 1 x 2<sup>nd</sup> USB 3.0 port (Optional)</li> <li>• 1 x Serial port (Optional)</li> <li>• 1 x Ethernet (RJ-45) Optional</li> </ul>
Display	<ul style="list-style-type: none"> <li>• 10.1" 1920x1200 WUXGA</li> <li>• Daylight Readable</li> <li>• Anti-reflective screen treatment</li> </ul>
Battery	<ul style="list-style-type: none"> <li>• 10.8V, typical 4400mAH</li> <li>• Lithium-Ion</li> <li>• Up to 9 Hrs Battery Operation</li> <li>• Battery charging time: 2.5 hours OFF, 3 hours ON.</li> </ul>

# Vehicle Communications Specifications

Application Interface	<ul style="list-style-type: none"> <li>• RP1210 A &amp; B</li> <li>• USB Interface for reprogramming</li> <li>• Supports OEM Diagnostic Applications</li> </ul>
Supported Vehicle Data Protocols	<ul style="list-style-type: none"> <li>• SAE J1708 / J1587</li> <li>• SAE CAN 1 J1939/CAN125/CAN150/CAN250/CAN500</li> <li>• GM UART HMMWV 4L80e TCM</li> <li>• J2284 OBD-II</li> <li>• J1850 VPW / PWM for light commercial applications</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• Wireless Bluetooth</li> <li>• USB 1.1 or higher</li> </ul>
Performance Specifications	<ul style="list-style-type: none"> <li>• Temperature range: -40.0 to 85 degrees C</li> <li>• Operating Voltage: 9.0-32.0 VDC</li> <li>• Power usage: 2.5 Watts</li> <li>• CE marked &amp; registered</li> <li>• Re-flash 3.0 MB in less then 3 minutes</li> <li>• Monitors up to two channels simultaneously</li> <li>• Supported Operating System:             <ul style="list-style-type: none"> <li>• Windows 7</li> <li>• Windows 8</li> </ul> </li> </ul>



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## Wireless Diagnostics



Includes the following IETMs / ETMs:

- M915
- M-ATV
- FMTV
- HMMWV
- HEMTT
- M777 (As requested)
- M939 5-Ton
- M88 Hercules
- M1A1
- PLS Trailer
- PLS

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# DATS-II Platform Capabilities

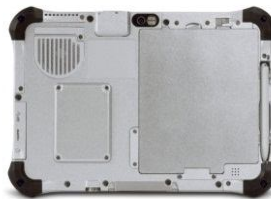
- The capability to interface to all U.S. Army Tactical vehicles and systems equipped with an SAE J1939 and J1708 diagnostic bus and other diagnostic protocols.
- The capability to perform “Dealer level” diagnostics to all electronically controlled vehicle sub-systems to include engine, transmission, Anti-lock Braking system, Central Tire Inflation System and Fire Control System on the following vehicle systems; HIMARS, FMTV, M915 FOV and MRAP variants.
- The capability to display Interactive Electronic Technical Manuals for the following systems: M915, HMWWV, M939 5-Ton, HIMARS, M88 Hercules, 155 Howitzer and M1A1.
- The test equipment includes the capability to interface to the system diagnostic bus wirelessly and through wired communications.
- The test equipment includes the capability to perform wireless diagnostics via the Interactive Electronic Technical Manuals (IETM's).
- The test equipment is powered by standard A/C power and NATO 24 Volt power supply.
- The test equipment is contained in a single rugged carrying case.
- The test equipment is rugged MIL-STD G compliant not weighing more than 2.3 lbs when deployed and 18.5 lbs when stored in the rugged carrying case.
- The test equipment includes the following service and support:
  - 3 year “No Fault” Warranty
  - “In theater” support to include Iraq and Afghanistan
  - Website downloads and support forum to download IETM and ETM updates



MIL-STD  
810G



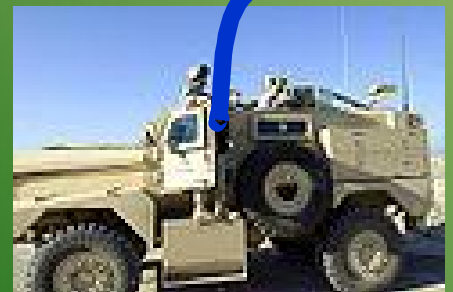
IP65



4-FOOT  
DROP RATING



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# DATS-II Tablet Platform Capabilities



## DURABILITY

- MIL-STD-810G design
- IP65 sealed all-weather design
- Magnesium alloy chassis encased with ABS and elastomer corner guards
- Optional rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

## SOFTWARE

- Windows® 8 Pro 64-bit (with Windows® 7 downgrade option)
- Panasonic Utilities (including Dashboard), Recovery Partition

## CPU

- Intel® Core™ i5-3437U vPro™ Processor
  - 1.9GHz with Turbo Boost up to 2.9GHz
  - Intel Smart Cache 3MB

## STORAGE & MEMORY

- 4-8GB<sup>2,3</sup>
  - Up to 64GB additional with optional microSD card
- 128-256GB SSD<sup>2,3</sup>

## DISPLAY

- 10.1" WUXGA 1920 x 1200 with LED backlighting
- 10-point capacitive multi touch + digitizer daylight-readable screen
  - 800 nit
  - IPS display with direct bonding
  - Anti-reflective and anti-glare screen treatments
  - Ambient light sensor, digital compass, gyro and acceleration sensors
  - Automatic screen rotation
  - Intel® QM77 video controller, max. 1664MB shared VRAM with Win 8 64-bit<sup>4</sup>

## AUDIO

- Integrated microphone
- Realtek high-definition audio
- Integrated speaker
- On-screen and button volume and mute controls

## KEYBOARD & INPUT

- 10-point multi touch + digitizer screen
  - Supports bare hand touch and gestures and electronic stylus pen
- 7 tablet buttons (2 user-definable)
- Integrated stylus holder
- On-screen QWERTY keyboard

## CAMERAS

- 720p webcam with mic
- 3MP rear camera with auto focus and LED light

## EXPANSION

- Optional MicroSD<sup>1</sup>

## INTERFACE

- Docking connector 24-pin
- HDMI Type A
- Headphones/speaker Mini-jack stereo
- Optional Serial<sup>1</sup> D-sub 9-pin (available Spring 2013)
- USB 3.0 (x 1) 4-pin
- Optional 2nd USB 2.0<sup>1</sup> 4-pin
- Optional 10/100/1000 Ethernet<sup>1</sup> RJ-45

## WIRELESS

- Optional integrated 4G LTE mobile broadband
- Optional integrated 3G Gobi™ mobile broadband
- Optional dedicated GPS (Available Summer 2013)<sup>1</sup>
- Intel® Centrino® Advanced-N 6235 Wi-Fi 802.11a/b/g/n
- Bluetooth® v4.0 (Class 1) + EDR
- Dual high-gain antenna pass-through

## POWER SUPPLY

- Li-Ion battery pack (10.8V, typical 4400mAh, minimum 4100mAh)
- Battery operation: Approx. 8 hours<sup>5</sup>
- Battery charging time: 2.5 hours off, 3 hours on<sup>5</sup>
- AC Adapter: AC 100V-240V 50/60Hz

## POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby

## SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS<sup>6</sup>
- Intel® Anti-Theft Technology
- Optional SmartCard reader (separate attachment, available Spring 2013)

## WARRANTY

- 3-year limited warranty, parts and labor

## DIMENSIONS & WEIGHT<sup>7</sup>

- 10.6"(L) x 7.4"(W) x 0.8"(H)
- 2.4 lbs.

## INTEGRATED OPTIONS<sup>8</sup>

- 4G LTE mobile broadband
- 3G Gobi™ mobile broadband
- Choice of GPS, Serial, Ethernet, MicroSD or 2nd USB 2.0 port<sup>7</sup>

## ACCESSORIES<sup>9</sup>

- AC Adapter (3-prong) CF-AA6431US
- Standard Battery Pack CF-VZSU84U
- Long Life Battery Pack CF-VZSU88U
- Rotating Hand Strap CF-WSTG111
- Replacement Digitizer Stylus Pen CF-VNPG11U
- High-mount Corner Guard CF-WCGG11U
- Cradle CF-VEG11U



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