Ruggedized Tablet
for High Performance Mobile Computing

9" fanless Mobile Tablet w/ Intel Celeron, 1.58GHz dual core, built-in Wi-Fi and Bluetooth, capacitive touch (w/ anti-reflection outdoor viewable) display.

Robust · MIL-STD · Bluetooth · Wi-Fi · Temperature · Camera · TPM · IP65 · Scanner · Smart Card · 3G

The DVM900R features the integration of a 9" touch screen and a high performance, energy-efficient Intel® dual core processor within a slim, lightweight, durable package. With built-in Wi-Fi and Bluetooth connection as well as options for smart card reader, RFID reader, barcode scanner, camera, and 3G module, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G/ MIL-STD-461F and certified with wide temperature range (13.9°F to 103.9°F), the DVM900R provides reliable operation in harsh, mission-critical environments.

Features

- 9" anti-reflection outdoor viewable screen with capacitive touch
- Support for Microsoft® Windows® Embedded Standard 7, 7 Professional or Linux operating system
- Intel® Celeron® dual-core processor; high performance with low power consumption
- IP65-rated for water and dust resistance
- Rated MIL-STD-810G for shock and vibration protection
- MIL-STD-810G Explosive Atmosphere certified
- MIL-STD-461F for EMI and EMC tolerance
- NIST (National Institute of Standards and Technology) compliant
- TPM (Trusted Platform Module) 1.2 support
- Wi-Fi and Bluetooth 4.0 connection
- Built-in gyroscope sensor, e-compass sensor, and 3-axis accelerometer
- Hot-swappable batteries and vehicle-mount charging option
- Comprehensive remote device administration through server-based Device Manager software

Major Options

- 5 megapixel back camera with LED flash
- 2D barcode scanner; reads 1D also
- RFID reader; HF/RFID 13.56MHz reader (ISO 15693 and 14443 A/B compliant)
- 3G module for HSPA+/HSPA/UMTS and EDGE/GPRS/GSM
- Half slot smart card reader; reads ISO 7816 T=0, T=1; 1.8/3/5V smart card (cannot co-exist with SD card slot)

Specifications

System	
CPU	Intel® Celeron® Dual Core, 1.58GHz (up to 2.17GHz)
RAM	4GB
Storage	32GB to 256GB Flash
Operating System	Microsoft® Windows® Embedded Standard 7, 7 Professional or Linux
Display	9" LED-backlight screen with capacitive touch; anti-reflection outdoor viewable
Display Resolution	1024 x 600
TPM	Yes, TPM 1.2 support
Fan/ Fanless	Fanless
Control Switch and Buttons	1 power button, 1 trigger button and 1 Wi-Fi switch
Indicator	1 power/ battery status LED and 1 WLAN active LED
Microphone	Built-in microphone
Speaker	Built-in speaker
Sensor	Built-in gyroscope sensor, e-compass sensor, pressure sensor and 3-axis accelerometer
Camera	Optional
Network Interface	
WLAN	Wi-Fi 802.11ac; 2.4GHz/ 5GHz dual band
Bluetooth	Bluetooth 4.0 LE
Mobile Broadband	3G WWAN (optional)
I/O Ports	
USB Port	1 USB 2.0
Headset Jack	1
DC-in	1
Smart Card Reader	Half-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card (optional)
SD Slot	1 Micro-SD card slot

Mechanical and Environmental	
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	Internal 7.4V, 3760mAh/ Optional: External 7.4V, 3760mAh
Enclosure	ABS + PC plastics
Stylus	Yes, capacitive touch stylus
Protective Bumpers	Rubber bumpers on each corner with handstrap for handling protection
Dimensions (H x W x D)	7.7 x 10 x 1.3 in/ 196 x 256 x 33.5mm
Weight	2.43 lbs/ 1.1 kg
Water and Dust Resistance	IP65
MIL-STD-810G	Drop, shock and vibration
EMI and EMC Tolerance	MIL-STD-461F
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation: -10°C – 40°C; Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing
Major Options	
MSR	N/A
Barcode Scanner	N/A
Camera	5 megapixel back camera with LED flash, auto focus, white balance, gain control and exposure control
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1
I/O Ports	N/A

I/O ports

Wireless LED
Battery/Power LED

Input/ Output Ports	
A. Wireless Switch	D. DC Power Input
B. Headphone Jack	E. Half Slot Smart Card Reader and SD Card Reader
C.USB Port	
Button Functions	
BUTTON	**ACTION**
1.	Security button As scanner trigger when equipped with the scanner module
2.	Power on Push/release typically enters Standby mode, or Push/release exits Standby mode or restarts (software dependent) Push and hold (over 4 seconds) invokes hardware shutdown

Accessories

External Battery Pack
Battery Pack for DVM900R Series. External, snap-on, hot-swappable battery pack. Li-Lon, 7.4V, 3760mAh.

Desktop Charging Cradle
Docking support with ports for Power, USB and Ethernet. Power supply not included.

External Battery Charger Kit with AC Adapter & Power Cord
Recharges external battery pack "offline" without affecting usage of device.

Internal Battery Pack
Replacement or spare for internal battery pack. Li-Lon, 29.6W.

6-Bay External Battery Charger
Charges up to six External Battery Packs simultaneously.

Screen Protectors for 8.9" Display-10 sheets per package
Replaceable custom-fitted screen protectors shield your display screen from fingerprints, scratches and dust, while maintaining comfortable input.

Mini-USB Keyboard w/ Hub
88-key USB keyboard in compact form factor can be used directly with the device or connected through the Cradle. USA Only.

AC/DC Power Adapter with Power Cord
Facilitates battery recharge or Tablet operation through direct connection to the Tablet or via the Power Jack in the device Cradle. (Choice of North America, UK or EU power cord).

Shoulder Strap for Tablets
Padded for comfort, provides convenient mobile operation, strap is adjustable and can be attached to the Rubber Grips.

Wall/Vehicle Mount Cradle
This wall/vehicle mount cradle offers Tablet storage and security with power, Ethernet pass-through, and two USB ports. Power input may be through (12V) cylindrical plug or (12V-24V) pluggable terminal block (Phoenix) connectors.

Automobile Power Adapter by LIND
Output voltage 65W/ 19V. Input: 11-16V DC.

Plastic tablet handstrap
Designed for secure handling and easy cleaning.

Stylus
Capacitive touch stylus.