V-R7000/V-R7100 Android™ Terminals

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>V-R7000/V-R7100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software</td>
<td>Android™ 4.2</td>
</tr>
<tr>
<td>CPU</td>
<td>OMAP5432 1.5GHz</td>
</tr>
<tr>
<td>RAM</td>
<td>2GB</td>
</tr>
<tr>
<td>Flash ROM</td>
<td>eMMC 16GB</td>
</tr>
<tr>
<td>Display</td>
<td>15.6” (H) x 9.8”(W) x 1.7”(H)</td>
</tr>
<tr>
<td>Interface</td>
<td>COM ports 3</td>
</tr>
<tr>
<td>Battery</td>
<td>Lithium ion rechargeable battery</td>
</tr>
<tr>
<td>Memory retention</td>
<td>5 years at 25°C operating temperature</td>
</tr>
<tr>
<td>Charging time</td>
<td>Approx. 3 hours</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 24 lbs</td>
</tr>
<tr>
<td>External dimensions</td>
<td>15.7” x 11.8” x 3.5”</td>
</tr>
<tr>
<td>Internal dimensions</td>
<td>13.7” x 11.8” x 1.7” (display only)</td>
</tr>
</tbody>
</table>

Options

- External printer
  - UP-400A: RS-232C/LAN port
- Customer display
  - Backlit 3-line LCD customer display
- Interface expansion box
  - VA-B60D
- Drawer extension cable
  - DL-2436

Options

- V-R7000 / V-R7100 Platform
  - OMAP5432 1.5GHz
  - 2GB RAM
  - 16GB eMMC
  - 15.6-inch widescreen touch panel (1366×768 pixels)
  - TFT color liquid crystal display
- Display
  - LED backlighting
  - 3 line customer display
- Interface expansion box
  - COM ports 3
  - Drawer ports 2
  - LAN port 1
  - DC jack 1
- Memory protection
  - Battery life: Approx. 3 hours
  - Charging time: Approx. 3 hours
  - Memory retention: 5 years
- Power supply
  - 100–240V AC (V-R7100 only)
- Power consumption
  - During operation: Approx. 26W
  - In standby mode: Approx. 18W
- Standards
  - IEEE 802.11a/b/g/n
  - Bluetooth specification Ver2.0+EDR
  - Android™ 4.2

Part Names / Sizes

- Master power switch cover
- Speaker
- Microphone
- Indicator
- Power switch
- Tilt knob
- Micro-USB (client) port
- HDMI port
- DC jack
- Drawer ports
- USB (host) port
- SD/SDHC memory card slot
- Earphone jack
- COM ports
- Drawer ports
- LAN port
- SD/SDHC memory card slot
- USB (host) port
- Lithium ion rechargeable battery
- Approx. 24 hours (new battery, fully charged, 25ºC operating temperature)
- 5 years (25ºC operating temperature)
- Full charge in 3 hours (25ºC operating temperature)
- Approx. 30 days

Note: Other company and product names are generally registered trademarks or trademarks of the respective companies.

Android™ is a trademark of Google, Inc.
VESA is a registered trademark of the Video Electronics Standards Association.

Screenshots are simulated.
Specifications in the table above are current as of March 2014 and are subject to change.
A New Platform for Innovation and POS Transformation

Introducing the V-R7000 and V-R7100 open platform Android™ touch terminals equipped with 15.6-inch widescreen LCD. The ability to support a wide range of operations, retail, hospitality, small shops and chain stores, with the stylish design suitable for any location. These terminals are innovative and will transform POS management by delivering flexible scalability to expand the scope of business controls.

**WIDESCREEN LCD**

Easy-to-operate 15.6-inch widescreen LCD

These Android™ terminals are equipped with a highly legible 15.6-inch widescreen LCD touch panel. High resolution of 1366×768 pixels substantially increases the amount of information that can be displayed on a single screen, making it possible to design highly comprehensive menu screens.

- **Landscape & portrait display**
  The LCD display supports landscape and portrait layouts. This increases the number of lines that can be displayed on a single screen. Product lists, sales reports, journals and other information is easier to read and comprehend.

**STYLISH DESIGN**

Design that compliments your store interior

These terminals sport a stylish design that harmonizes with sophisticated store interiors.

- **Specifications that offer a variety of installation options**
  Equipped with a widescreen display, these POS terminals retain a slim form factor with minimal counter-top footprint.

- **Supports VESA standard mounting**
  Mounting hardware compatible with the VESA 100 x 100 standard provides several installation options, including desktop, pole mounting, wall mounting, and placement on vertical stands. This allows effective use of counter space without limiting operability.

- **V-R7100 equipped with wireless LAN**
  The V-R7100 includes a wireless LAN compliant with IEEE802.11a/b/g/n that further increases freedom in installation. The elimination of network cables makes it easier to use the V-R7100 in locations without the use of wired LAN networks.

**HARDWARE**

Highly reliable hardware performance

The V-R7000 / 7100 Android™ terminals offer solid state technology with no hard drive, fan or other movable parts that increase hardware performance, reliability and reduce maintenance cost by ensuring long-term stable operation.

- **IP53-compliant environmental durability**
  The terminals have an IP53 rating for water resistance* and dust resistance. The touch panel screen can be operated even with wet hands and is suitable for use at restaurants and other businesses where water is used.

- **Falling rain at an angle up to 60 degrees from vertical shall have no harmful effect.**

**SOFTWARE**

Casio Android™ POS application (option)

Casio’s optional POS application software has been designed for hospitality and retail operations. Menu’s and price levels, remote kitchen/video interface, modifier selection screens, automatic discounting, large scanning database, inventory, scanner, scale, video surveillance interfaces and historical reporting on sales activity are available to manage your business.

**APPLICATION DEVELOPMENTAL TOOL FOR INDEPENDENT SOFTWARE VENDOR’S (ISV’S)**

This tool makes it possible to prepare and change the product database or menu settings on V-R7000 or V-R7100 terminals from a PC at headquarters.

**SOLUTION**

Flexible solutions that grow with your business

This Point of Sale business solution can be adapted to the styles and activities of individual operations. Applications for multi-store management and services using the internet are available.

- **Retail store tools that assist multi-store management (option)**
  A variety of tools useful for strengthening coordination between headquarters and individual stores are available.

- **Multi-store management support tool**
  This tool is used to collect and deliver sales and other data between headquarters and individual store terminals. The status of business operations can be captured in real time.

- **Cash register configuration tool**
  Use this tool to view, search, and print from a PC electronic journals prepared from each cash register.

**APPLICATION DEVELOPMENTAL TOOL FOR INDEPENDENT SOFTWARE VENDOR’S (ISV’S)**

The Android™ platform supports 3rd party application development. A software development kit is available to ISV’s to tailor their software to operate on the V-R7000/7100.
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STYLISH DESIGN

Design that complements your store interior

These terminals sport a stylish design that harmonizes with sophisticated store interiors.

■ Specifications that offer a variety of installation options

Equipped with a widescreen display, these POS terminals retain a slim form factor with minimal counter-top footprint.

■ Supports VESA standard mounting

Mounting hardware compatible with the VESA 100 x 100 standard provides several installation options, including desktop, pole mounting, wall mounting, and placement on vertical stands. This allows effective use of counter space without limiting operability.

■ V-R7100 equipped with wireless LAN

The V-R7100 includes a wireless LAN compliant with IEEE802.11a/b/g/n that further increases freedom in installation. The elimination of network cables makes it easier to use the V-R7100 in locations without the use of wired LAN networks.

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Use this tool to view, search, and print from a PC electronic journals prepared from each cash register.

■ Application developmental tool for Independent Software Vendor’s (ISV’s)

The Android™ platform supports 3rd party application development. A software development kit is available to ISV’s to tailor their software to operate on the V-R7000/7100.
## Specifications

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<tr>
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<tr>
<td>CPU</td>
<td>OMAP5432 1.5GHz</td>
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<td>RAM</td>
<td>2GB</td>
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<td>Flash ROM</td>
<td>eMMC 16GB</td>
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<tr>
<td>Display</td>
<td>15.6-inch widescreen touch panel (1366 x 768 pixels)</td>
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</tr>
<tr>
<td>Backlight</td>
<td>White LEDs</td>
<td>White LEDs</td>
</tr>
<tr>
<td>SD/SDHC memory card slot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB (host) port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earphone jack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM ports</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Drawer ports</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>LAN port</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>SD/SDHC memory card slot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB (host) port</td>
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<td></td>
</tr>
<tr>
<td>Micro-USB (client) port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDMI port</td>
<td></td>
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<tr>
<td>DC jack</td>
<td></td>
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<td>Lithium ion rechargeable battery</td>
<td></td>
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<tr>
<td>Battery life</td>
<td>Approx. 24 hours (new battery, fully charged, 25°C operating temperature)</td>
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</tr>
<tr>
<td>Charging time</td>
<td>Full charge in 3 hours (25°C operating temperature)</td>
<td>Full charge in 3 hours (25°C operating temperature)</td>
</tr>
<tr>
<td>Clock retention</td>
<td>Approx. 30 days</td>
<td>Approx. 30 days</td>
</tr>
<tr>
<td>Power supply</td>
<td>AC100V ± 10V 50/60Hz</td>
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</tr>
<tr>
<td>Power consumption</td>
<td>During operation: Approx. 26W / In standby mode: Approx. 18W</td>
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</tr>
<tr>
<td>External dimensions (W x D x H)</td>
<td>15.7” x 11.8” x 3.1”</td>
<td>15.7” x 11.8” x 3.1”</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 7 lbs (display only)</td>
<td>Approx. 7 lbs (display only)</td>
</tr>
</tbody>
</table>

## Options

- **Configuration**
  - Medium: DL-2436
  - Large: DL-3624
- **External printer**
  - UP-400A: RS-232C/LAN port
- **Customer display**
  - Backlit 3-line LCD customer display
- **Interface expansion box**
  - VA-B20EB
  - 3 COM ports, 2 drawer ports, 2 USB (host) ports, and 1 DC jack
  - Useful for connecting V-R7000/V-R7100 terminals with peripheral devices
  - Requires dedicated DC cable (VA-DC-CORD1) to be inserted

## Part Names / Sizes

- **Part Names / Sizes**
  - Master power switch cover
  - Speaker
  - Microphone
  - Indicator
  - Power switch
  - Tilt knob
  - Earphone jack cover
  - Magnetic card reader terminal
  - Side cover
  - Rear cover
  - Touchscreen panel

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