# V38r-01/02

## ENTERPRISE DIGITAL ASSISTANT

### WITH INTEGRATED 802.11B/G

# Rugged mobile computing.

Choose ViewSonic's V38r-01 or V38r-02 enterprise digital assistants for use in industries where versatile, rugged mobility is a must. These devices WITHSTAND HARSH CONDITIONS that can damage or destroy standard PDAs. They are drop-tested up to four feet and are dust-proof and splash-proof. The industry-standard PPC 2003 OS SUPPORTS MANY THIRD PARTY APPLICATIONS AND DRIVERS, giving them nearly universal adaptability. With a bar code scanner, 1.3 megapixel camera, a secure digital (SD) card slot and fingerprint sensor,* the V38r-01 and V32r-02 meet data and security needs for such diverse industries as PUBLIC SAFETY, HEALTHCARE, RETAIL, LOGISTICS, FIELD SERVICES AND MILITARY. They also feature integrated 802.11b/g wireless communications so your field team can update files and records while at a job or customer site. The hot-swappable, rechargeable Li-Ion battery allows you to change your battery without shutting down or losing data. The bright color display delivers clear images in all lighting conditions.



## MAXIMUM FEATURES AND PRODUCTIVITY

> **Conforms to the IP54 design standard for rugged devices**
Rugged design with a drop spec of four feet to concrete and IP54 rated sealing ensures continued use and operation by protecting against dust, moisture, and extreme environmental conditions.

> **Industry standard platform for compatibility and customization**
Microsoft's PPC 2003 OS provides fast, real-time processing for mobile computing and interoperability between PCs, servers, web servers, and other devices. PPC 2003 is also supported by advanced software development tools for easy integration of unique hardware and software into custom applications.

> **Exceptional integrated features and flexibility**
The V38r-02 features integrated bar code scanner, 802.11b/g wireless communications, 1.3 megapixel camera, fingerprint sensor, SD memory slot, and 8-hour extended battery. The V38r-01 has only the bar code scanner for less demanding applications.

> **Secure computing and data exchange**
Compatible with 802.11b/g wireless standards. Operates within Cisco infrastructures. Also supports WEP 64/128, WPA RADIUS (EAP-TLS, PEAP, TTLS, and LEAP**), and WPA-PSK. For even greater security, Microsoft VPN IPSEC and PPTP is supported.

> **Designed for the mobile professional**
Provides a complete, easy-to-use data management system in a single rugged device. It's the perfect solution for mobile professionals in warehousing, public safety (police, fire, and security), retail, logistics, field service, healthcare, hospitality, and many others.

MORE THAN 2000 AWARDS

**VIEWSONIC**
PRODUCTS, PROGRAMS,
AND SERVICES

**ViewSonic**®

*the choice of professionals*

# V38r-01/02

## ENTERPRISE DIGITAL ASSISTANT WITH INTEGRATED 802.11B/G



| | V38r-01 | V38r-02 |
|---|---|---|
| **OPERATING SYSTEM** | PPC 2003 | PPC 2003 |
| **PROCESSOR** | Intel Xscale™ 416 MHZ | Intel Xscale™ 416 MHZ |
| **FLASH** | 64MB | 64MB |
| **SDRAM** | 64MB | 128MB |
| **MEMORY EXPANSION** | Secure Digital (SD) slot | Secure Digital (SD) slot |
| **DISPLAY** | 3.5" 240x320 TFT with 256k colors | 3.5" 240x320 TFT with 256k colors |
| **TOUCH PANEL** | 4-wire resistive; 3H hardness | 4-wire resistive; 3H hardness |
| **WIRELESS COMMUNICATIONS** | 802.11b/g with support for WEP 64/128, WPA RADIUS (EAP-TLS, PEAP, TTLS, and LEAP**), WPA-PSK and Microsoft® VPN IPSEC and PPTP | 802.11b/g with support for WEP 64/128, WPA RADIUS (EAP-TLS, PEAP, TTLS, and LEAP**), WPA-PSK and Microsoft® VPN IPSEC and PPTP |
| **INTERFACE COMMUNICATIONS** | USB 1.1 (Host and Client); RS-232 | USB 1.1 (Host and Client); RS-232 |
| **BAR CODE READER** | 1-D CCD Image Engine and support for the following bar code formats: UPC (E&A), EAN, Code 39, Code 128, UCC, EAN 128, ISBN, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93, MSI, Plessey and Telepen | 1-D CCD Image Engine and support for the following bar code formats: UPC (E&A), EAN, Code 39, Code 128, UCC, EAN 128, ISBN, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93, MSI, Plessey and Telepen |
| **CAMERA** | – | 1.3 megapixel CMOS with LED illumination |
| **FINGERPRINT AUTHENTICATION SENSOR** | – | High definition 128x128 pattern sensor, 500 pixels per inch (ppi), 7.2mm square |
| **AUDIO** | Integrated 500mW speaker and microphone | Integrated 500mW speaker and microphone with echo cancellation (for VOIP applications) |
| **BATTERY** | 1800mAh (standard battery), Li-Ion, up to 4-hour use, removable | 3600mAh (standard battery), Li-Ion, up to 8-hour use, removable |
| **REGULATORY** | FCC, UL, CE Mark & Radio Country approvals: US/Canada, R&TTE | FCC, UL, CE Mark & Radio Country approvals: US/Canada, R&TTE |
| **OPERATING TEMP.** | -10C°–+55° C | -10C°–+55° C |
| **STORAGE TEMP.** | -20C°–+65° C | -20C°–+65° C |
| **HUMIDITY** | 10% – 85% at 30° C | 10% – 85% at 30° C |
| **ENVIRONMENTAL SEALING** | IP54 Category 2 | IP54 Category 2 |
| **DROP** | Multiple 4-foot (1.2m) drops to concrete across operating temperature | Multiple 4-foot (1.2m) drops to concrete across operating temperature |
| **DIMENSIONS (HxW) (in.)** | 5.8" x 3.2" | 5.8" x 3.2" |
| **WEIGHT (with battery)** | 12 oz. | 14 oz. |
| **INCLUDED ACCESSORIES** | Standard battery, protective flip cover, belt clip, AC power adapter, DC power connector, stylus, USB/RS-232 adapter, and USB cable | Extended battery, protective flip cover, belt clip, AC power adapter, DC power connector, stylus, USB/RS-232 adapter, and USB cable |
| **OPTIONAL ACCESSORIES** | Desktop cradle, extended battery, universal car charger, stylus, protective screen guards, additional standard batteries | Desktop cradle, extra extended battery, stylus, protective screen guards, universal car charger |

**ViewSonic®**

*the choice of professionals*

# For more product information, visit us on the web at ViewSonic.com