

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 V38r-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.

V38r-01/02

ENTERPRISE DIGITAL ASSISTANT

WITH INTEGRATED 802.11B/G



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.



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 Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.



the choice of professionals

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*Features vary by model. **Requires 3rd party application. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2006 ViewSonic Corporation. All rights reserved. [12812-02B-03/06] V38r-01/02

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