RHINO II[™] ⇔DATALOGIC

RUGGED VEHICLE MOUNTED COMPUTER

The Rhino II[™] vehicle mount computers, available in both 10" and 12" display sizes, set the standard for ruggedness in the warehouse. A sealed design tested to IP65/IP67 ensures operation in the toughest environments. A dedicated freezer-rated model with integrated display heater allows use in and out of cold storage. The capacitive touch models feature 3 mm anti-glare armored glass, while still allowing use of gloves.

WAREHOUSE MANAGEMENT

Tailored for warehouse management, the Rhino vehicle computer increases productivity through reduced errors during receiving, put-away, picking and shipping activities. Adding a handheld bar code scanner such as Datalogic's PowerScan™ allows for quick data entry and location confirmations.

VERSATILITY

The Rhino vehicle computer is equipped with an internal isolated power supply, ignition sense to automatically control the power, and an optional battery backup for the ultimate protection against data loss. The Rhino vehicle computer fits different mounting and space constraints. Mounting options include various brackets and RAM mounts for the vehicle computer along with ABCD or QWERTY external keyboards. A dedicated software keyboard includes a multitude of layouts and languages, adapting the Rhino computer to a minimum footprint and global applications.

OPERATING SYSTEM AND UTILITIES

The Rhino II computer offers a choice of Windows Embedded Compact 7 (WEC7), Windows Embedded 7, or Windows 10 IoT Enterprise operating systems. Included are various Datalogic Utilities and on the WEC7 models, Wavelink® Avalanche™ and Terminal Emulation are pre-loaded and pre-licensed, allowing the Rhino computer to maximize return-on-investment (ROI) through easy deployment, device and maintenance management.

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FEATURES

- Choice of Microsoft Operating Systems
- 10 inch or 12 inch high resolution color display

12" Rhino II

- Anti-glare multi-touch screen, with gloves support
- WLAN: IEEE 802.11 a/b/g/n, CCX v4
- Bluetooth[®] Wireless Technology v4.0
- Wired Ethernet (GbE) included
- Sealed to IP65/IP67 protection class
- Wide operating temperature range from -20 to 55 °C / -4 to 131 °F (Freezer 10 inch model to -30 °C / -22 °F)
- Tethered and cordless bar code scanner support
- External ABCD, QWERTY and software keyboard options
- Wavelink Powered[™] with pre-installed and pre-licensed Wavelink Avalanche and Terminal Emulation (WEC7 models)
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- Warehouse Management:
- Inventory
- Picking
- Shipping/receiving
- Put away

10" Rhino II

- Cross docking
- Cold storage and harsh outdoor
- Manufacturing Shop Floor
- In-vehicle/truck
- Public Safety

RHINO II[™]

DATALOGIC

\mathcal{D}	WIRELESS COMMUNICATIONS		PHYSICAL CHARACTERISTICS	
SPECIFICATION	PERSONAL AREA NETWORK (WPAN) LOCAL AREA NETWORK (WLAN)	<i>Bluetooth</i> Wireless Technology 4.0 Wi-Fi: 802.11a/b/g/n (2.4 GHz and 5 GHz); Cisco CCX v4; Wired Ethernet: 1 x GbE, RJ-45 (bottom)	CONSTRUCTION DIMENSIONS DISPLAY	Coated aluminum, no fan design 27.8 x 22.3 x 6.4 cm / 10.9 x 8.8 x 2.5 in Resistive/Freezer Model: 10.4 inch SVGA 800x600 400 NITS; Capacitive/Standard Models: 10.4 inch XGA 1024 x 768, 350 NITS 12.1 inch XGA, 1024 x 768, 500 NITS
	ANTENNAS	Diversity antennas under top cap; Optional cab mount antenna		
	ELECTRICAL		FUNCTION BUTTONS – MOUNTING	4 programmable keys (S1-S4) VESA: 75 mm pattern
	BACKUP BATTERY	Optional backup battery for up to 30 min. runtime; 2,500 mAh @ 10.8 VDC; 27 Wh; Battery charging: 0 to 50 °C / 32 to 122 °F Battery operating: -20 to 50 °C / -4 to 122 °F	SCREEN BLANKING SPEAKERS TOUCHSCREEN	VESA: 75 mm pattern Optional Optional: downward facing, waterproof Resistive, 4 Wire (WEC7/Freezer model only); Capacitive (all OS); 3 mm, non-reflecting, hardene glass; Gloves support 1 x HDMI port (top) [Win7/10 only] Wireless via <i>Bluetooth</i> v4 (10 inch Freezer Models 3.4 Kg / 7.5 lb (10 inch Freezer Models); 3.6 Kg / 7.9 lb (10 inch Standard Models); 4.7 Kg / 10.4 lb (12 inch Standard Models)
	POWER SUPPLY	Choice of 12 VDC; 24/48 VDC isolated internal powe		
CHNICAL	LIGHT INDICATORS			
F	ENVIRONMENTAL			
_	HUMIDITY TEMPERATURE	10 to 90% at 40 °C / 104 °F; non-condensing Operating: -20 to 55 °C / -4 to 131 °F (without		
Ш 	hea -30 con SHOCK & VIBRATION Clas	heater, Capacitive models);	SAFETY & REGULATORY	The sector sector sector sector sector sector
		-30 to 55 °C / -22 to 131 °F (with heater, minimal condensation using freezer-rated model - 10" only) Class 5M3 at EN 60721-3-5: 1998 (landcrafts) IP65/IP67	AGENCY APPROVALS	The product meets necessary safety and regulate approvals for its intended use.
			CERTIFICATIONS	Certified for CE/FCC; RoHS compliant
			REGULATORY	US, Canada, EU countries
	INTERFACES	1 x Ethernet 10/100/1000 Mbps; RJ45;	SOFTWARE	
	INTERFACES TX Ethernier 107 1000 Mbps; R/45; USB: 2 x USB 2.0 Type A (bottom) 1 x USB 3.0 Type A (bottom) [Win7/10 only] 1 x USB 2.0 Type A (top) Serial: 2 x RS-232 (bottom); COM1: 5 V on pin 9; COM2: 5/12 V on pin 9 1x Mini-PCle, half or full size slot (full size used for Wi-Fi) 1 x CFast for SSD (Win 7/Win 10) 1 x SD Card slot for SDHC card (WEC7)	CONFIGURATION & MAINTENAN	WEC7: Datalogic DXU, DDU, SDK, SureFox Locked Browser; WEC7: Wavelink Avalanche pre-installed and	
		COM2: 5/12 V on pin 9 1x Mini-PCle, half or full size slot (full size used for	DEVELOPMENT TERMINAL EMULATION	pre-licensed; Win7/10: Datalogic Aladdin™ pre-loaded Datalogic Windows CE SDK™ Wavelink Terminal Emulation™ pre-installed and
CESORIES		SOFT KEYBOARDS	pre-licensed (WEC7 models) Includes QWERTY layouts for English, German, Italian, Spanish, Polish; Azerty French layout; Function Key layout (F1-F12)	
			SYSTEM	
			OPERATING SYSTEM	WEC7, Windows Embedded Standard 7 or Windows 10 IoT Enterprise 64 bit Freescale NXP ARM Quad Core: 1 GHz (WEC7 Standard models); 800 MHz (WEC7 Freezer models); Intel Atom E3826 Dual Core 1.46 GHz (Win7/10) WEC7: 1 GB RAM; Win7/10: 4 GB RAM WEC7: 32 GB SDHC; Win7/10: 32 GB CFast SSD
			PROCESSOR	
			MEMORY STORAGE	
			WARRANTY	
				1-Year Factory Warranty
			WARRANTY	1-Year Factory Warranty
	PowerScan 9000 Series	Mounting Accessories	External K	evboards
	se s		Alterna Alterna	
		1 8	-1 🧠	
ר		94ACC0154 10 degree mounting bracket for vehicles 94ACC0034 R.		
7	Tethered / Cordless Models via cradle and <i>Bluetooth</i>	 94ACC0155 Keyboard mount for external keyboard Computers 	Rhino Vehicle Mount	31 External Keyboard, 95ACC1330 External Keyboard QWERTY layout

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