

Gulfstream's Barcode Gateway for Microsoft's Dynamics SL

Retail Hardware List June 2010

The following is a list of hardware used with our Barcode Gateway solution. All prices are in U.S. dollars. Prices are subject to change without notice. Eventually all models # will have the R at the end.

	Part Number	Description	Mfg. Sugg. List
MC9090	<i>Mobile Scanning Device</i>	Use W/Access Point below	
	MC9090-GF0HJEFA6WR	Scanner	\$2,795.00
	KT-21-61261-01	MC90XX Battery (extra)	\$90.00
Optional Only	Cambridge VxHPC Software License**	Terminal Emulation Software	\$29.95
	**Purchase on-line@www.cam.com/vxhpc.html		
Single Slot	CRD9000-1001S	Single Slot Charging Cradle	\$240.00
Cradle	KT-14000-148R	Power Supply for Cradle	\$49.00
	23844-00-00	AC Line Cord/Power Supply	\$10.00
	25-64396-01	USB Communication Cable	\$15.00
MC3090	<i>Mobile Scanning Device</i>	Use W/Access Point below	
	MC3090R-LC48S00GER	MC3000 Series/11 Mbps	\$1,845.00
	BTRY-MC60KAB0E	MC3000 Battery	\$75.00
	CRD3000-1000RR	Single Slot Serial/USB Cradle	\$230.00
		Cradle package includes:	
		Power Supply 50-14000-148	
		USB Client Comm. Cable 25-68596-01	
		RS232 Comm. Cable 25-63852-01	
	23844-00-00	Power Cord-110v for Cradle	\$15.00
Required	Cambridge VxHPC Software License**	Terminal Emulation Software	\$29.95
	OR Terminal Emulation from Symbol	Terminal Emulation Software	\$145.00
AP/Access Point	<i>Receiver For MC9090,MC3000/printer</i>		
	AP-5131-40021-WWR	Universal AP/11Mbps w/pwr	\$699.00
	ML-2499-HPA3-01R ****	Antenna	\$90.00
	25-72178-01****	Antenna Adaptor	\$10.00
	23844-00-00	Cord Set for Access Point	\$15.00
	***Purchase two each per Access Point		
Wireless Printer	<i>Mobile Printer</i>	Use W/Access Point above	
	Q3D-LUKA0000-00	Zebra QL320 Plus printer	\$1,655.00
	AT17696-1	Charger	\$115.00
	AT17010-1	Cable PC Interface USB	\$23.00
	AT16004-1	Extra Battery (recommended)	\$95.00
Cabled Scanner	<i>Keyboard Wedge Scanner</i>		
	LS4208-SBZK0100ZR	Keyboard wedge/PS/2 6' cble	\$283.50
or	LS4208-SBZU0100ZR	Keyboard wedge/USB 7' cble	\$301.00
Recommended	Warranty & support plans available	Ask for pricing & plan info	Symbol
	Freight added once total wt. available		

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A Note About Hardware

Pricing in this document is Manufacturer's Suggested Retail/Reseller pricing. There is no obligation to purchase the hardware through Gulfstream Computer Services. We want our dealers & end users to avail themselves of the best prices in their area. Many dealers believe that the best way to support the client is to purchase the software and hardware from one place so we provide hardware as a service to them.

Gulfstream develops and tests the Barcode Gateway with the products that are shown in this document. Other models & other hardware vendors models may also work with our software. At a minimum the unit must have a 16 line display and support 20 characters across the display screen. The QL320 wireless printer is the only printer directly supported for the Barcode Gateway label printing function. Labels can be printed indirectly with other printers. Please see our document - Building & Printing Barcodes 101.

Site Evaluations

Based on the size, configuration, warehouse construction material, personnel numbers as well as other variables, the number of guns, accesspoints and antennas that will provide the best coverage for each location can be determined. In consultation with our staff, it can be decided how many Access Points would be needed. If Gulfstream is contracted to do the Installation & Implementation we would recommend the number of Access Points based on sq.footage and other variables described above and do the placement of the AP the first day of implementation.

Site evaluations are available from our Symbol Hardware provider. If circumstances are such that this is required, please contact us for pricing.

Minimum Hardware Requirement /Retail Examples

The basic minimum requirements for a system using the **MC9090** include the following:

- Portable Data Terminal **MC9090** (laser gun) & accessories:
Extra battery, single charging cradle, Power Supply, DC Cable & AC line Cord \$ 3199.00
Access Point & accessories: power supply, power cord, 2 Antenna, 2 Adaptors \$ 914.00
Total Basic System \$ 4,113.00

The basic minimum requirements for a system using the **MC3090** include the following:

- Portable Data Terminal **MC3090** (laser gun) & accessories: (Includes Cambridge software)
Extra battery, single charging cradle, Power Supply, DC Cable & AC line Cord \$ 2194.95
Access Point & accessories: power supply, power cord, 2 Antenna, 2 Adaptors \$ 914.00
Total Basic System \$ 3,111.95

Please check the software price list for software package pricing.

Recommendations

While there are basic minimum requirements, there are also choices that can optimize an installation. We recommend using one of the hardware choices above. We have tested our software with them and guaranty that it works. We also recommend that the end user purchase a minimum of two guns and two access points/antennas to ensure redundancy. While the Symbol hardware that the Barcode Gateway utilizes is the top industry standard, if there are any problems your operation would be at a standstill until a replacement unit could be accessed. Redundancy would alleviate a shut down of operations. Please ask your dealer for a proposal of our system including the Implementation requirements.

**Terminal Emulation Software

Symbol includes Terminal Emulation Software in it's unit price for the MC9090. However, the MC30X0 unit does not include the software. The TES software can be purchased from Symbol separately or you can use a software that is available from Cambridge Software which is less expensive and has a larger range of colors. You can purchase the software directly from Cambridge on-line. (see page 1)

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Symbol MC9090



The Symbol 9000-G series of handheld laser scanners work well with the Barcode Gateway. The ergonomic, forward-scanning pistol grip of the MC9090 enables workers to scan over long periods with less fatigue, improving productivity and reducing risk of repetitive motion injuries.

Please see the data sheets that are available for the MC9090 scanners.

The unit that we recommend includes:
On board Radio, SE1224 1D, Color, 64MB memory, 53 key keypad, Windows Mobile 2003 PPC, one year warranty.

Symbol MC3090



Symbol's MC3000 mobile computer is small, lightweight and rugged for applications requiring high-quality data capture and high-performance real-time computing. By delivering superior data capture and exchange, the MC3000 helps speed response throughout your supply chain — from field sales to the shop floor. Please note that this unit can come with a pistol grip or without. You will have to decide which scanner is the best for your enterprise.

Please see the data sheet that is available for the MC30X0 scanner. The unit that we recommend includes: On board Radio, LAN, Color, 64MB, 48 key keypad, Windows CE Pro, one year warranty.

Symbol MC35



Symbol's MC35 is a new offering by Gulfstream for the Barcode Gateway for Dynamics SL. This cell phone has WAN/LAN/PAN/GPS and includes a camera. The camera 'takes a picture' of the barcode, interpretes it and places the information into the field you are in. This would be beneficial in a light usage scenario such as for Remote Order Entry or very light warehouse usage. Currently, the GPRS standard is the only one available on this unit.

For more information, please contact your Microsoft Partner or Gulfstream Computer Services.
Sales@gulfstream.ca