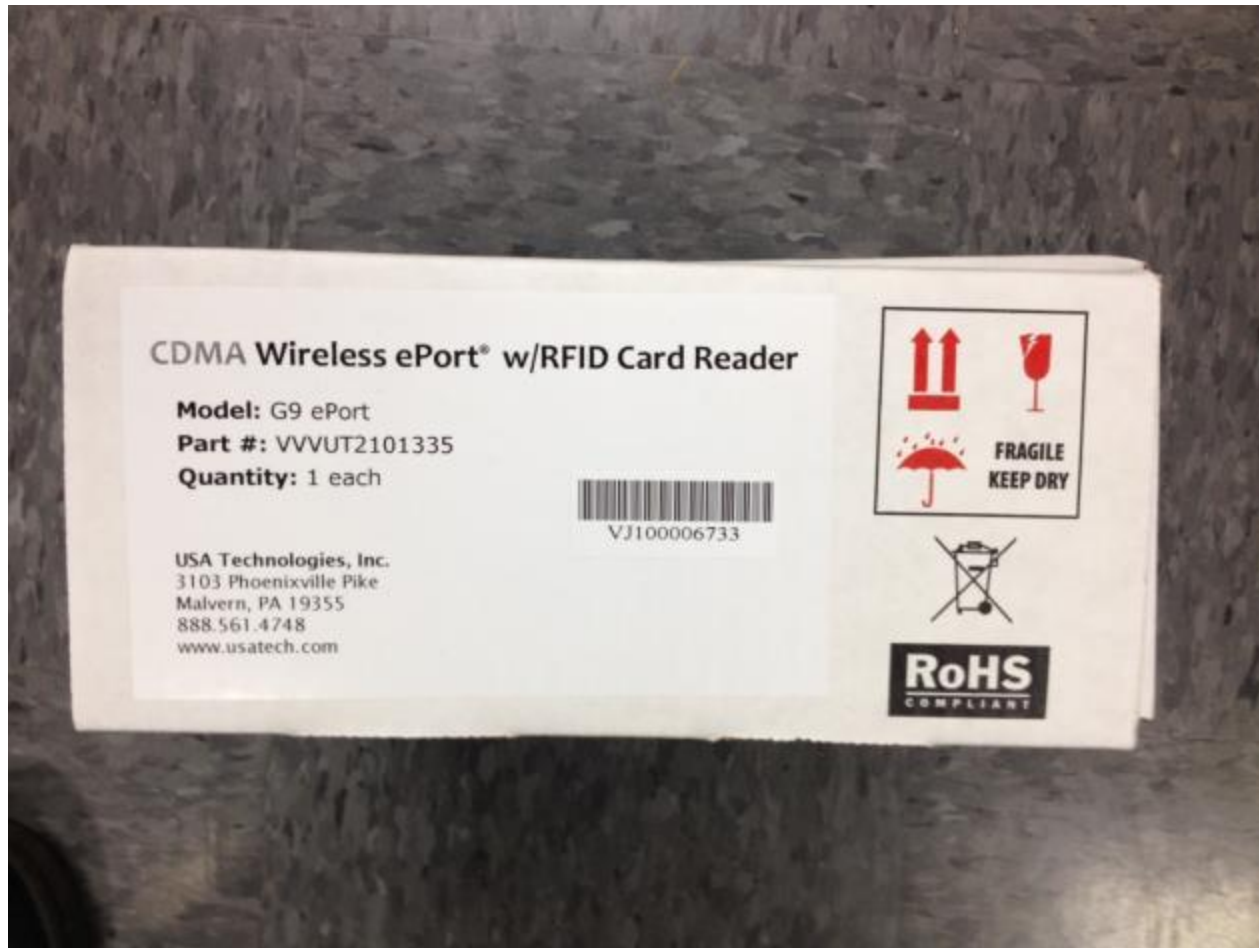


# Installing the Cantaloupe G9



ePort Serial number and Customer Service phone number are on every box



# What's in the kit



# What's in the kit





## G9 Controller and cable connectors



# Aux, Antenna and DEX receptacles





# Standard antenna and connector



# Card Reader mounting screw holes, cable and connector

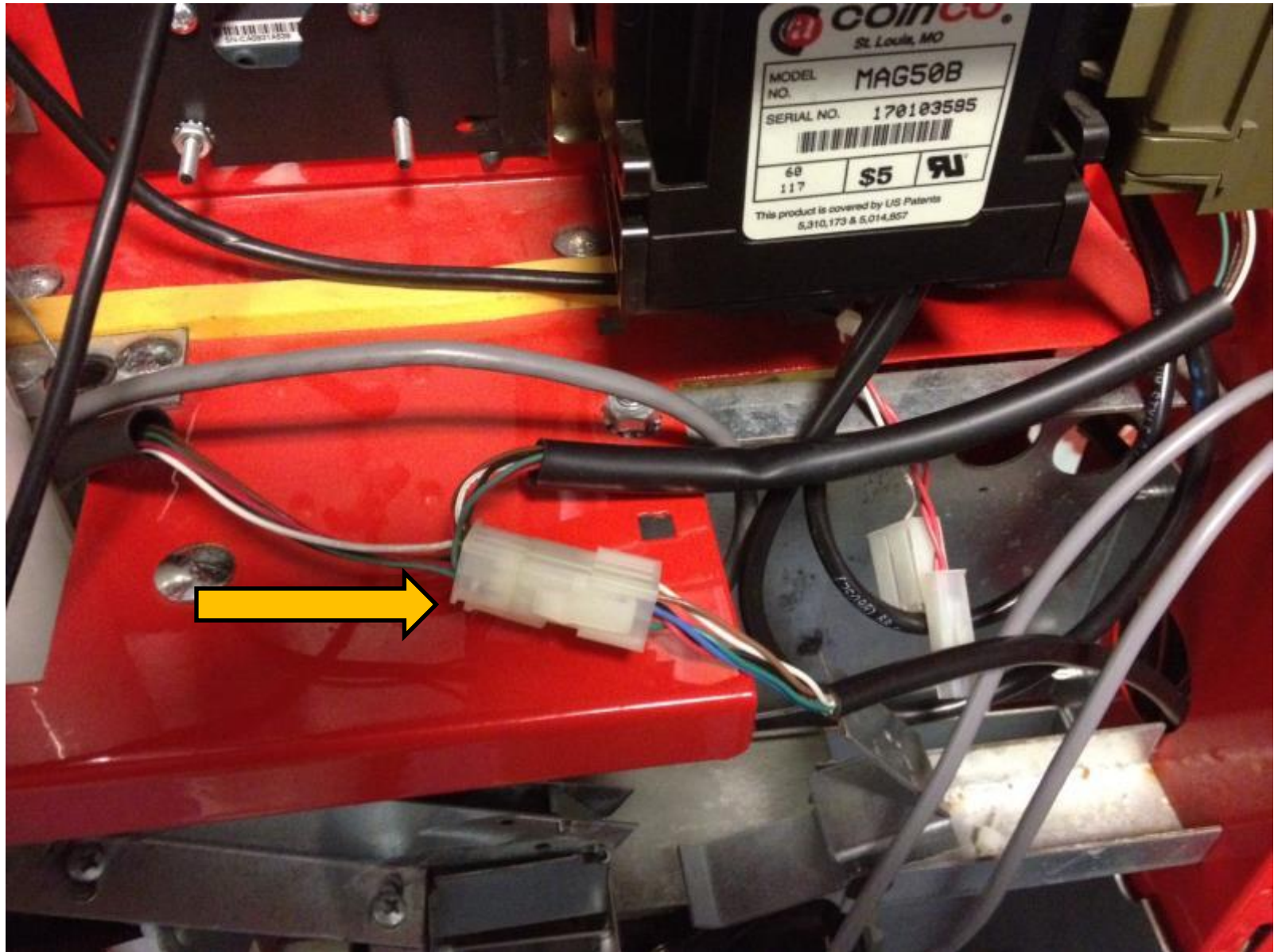




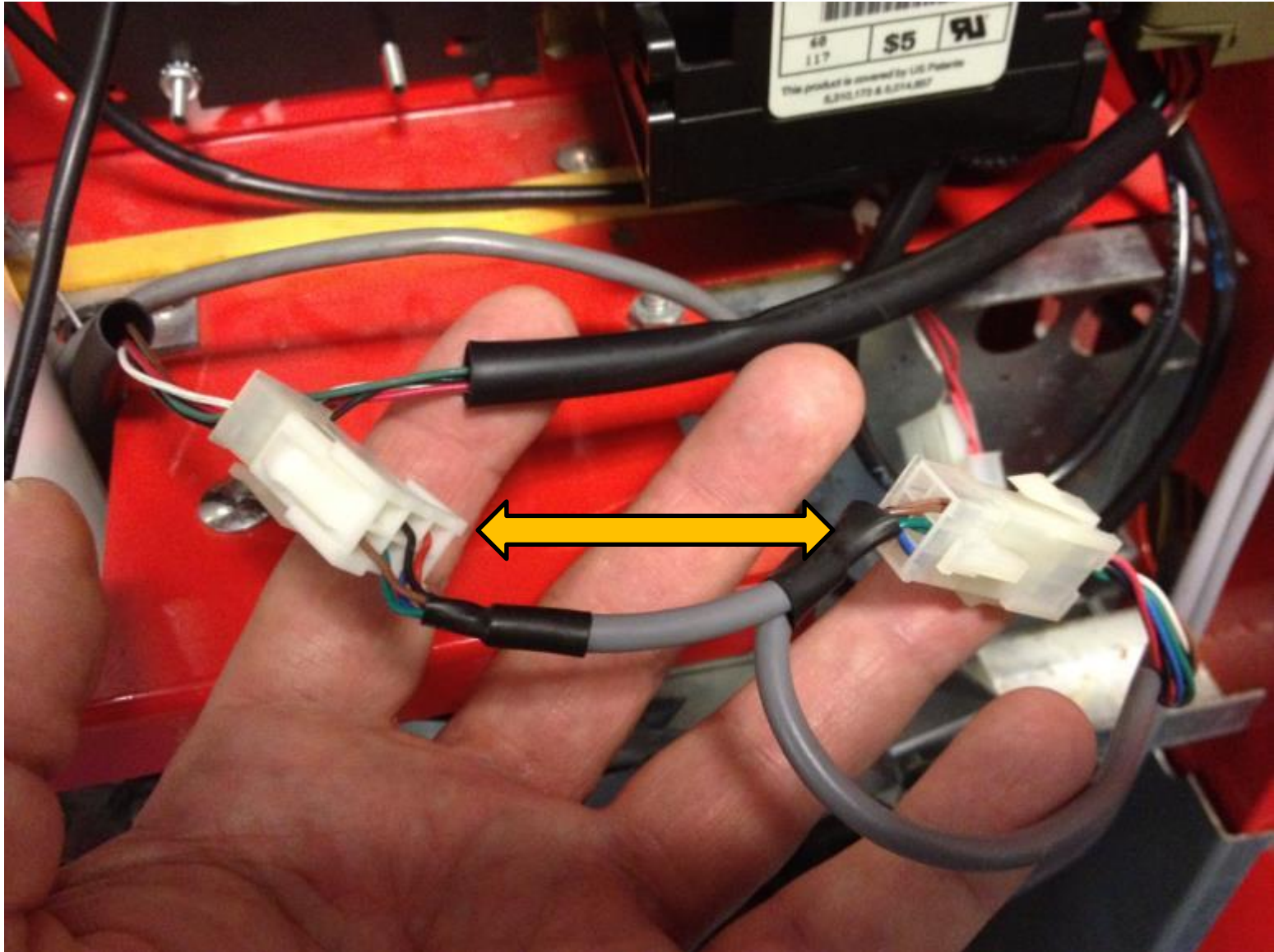
# Choose a suitable location to mount the G9 Controller

- Carefully choose a location inside the vendor door or cabinet to mount the G9 Controller. Make sure the G9 MDB, DEX and Serial cables will be able to reach their connection points to the vendor MDB cables, DEX port and the Card Reader cable. Make sure the cabling is not going to get pinched by or interfere with moving parts in the vendor.
- Also make sure you will be able to see the service buttons and LEDs on the G9 Controller and manipulate the “Service” – “Fill/DEX” – “END” and signal test buttons when needed. You will also need to access the “Hand Held DEX” receptacle if you use hand held DEX devices on your equipment.
- When locating the antenna, avoid positioning it near the vendor control board.
- Locate the antenna on top of the vendor door or cabinet if possible. If you need to locate the antenna inside the vendor, try to position it directly behind the Lexxan or glass front . Do not locate the antenna where it will be surrounded on all sides by metal as this will greatly reduce signal quality.
- DO NOT coil the antenna wire. This will also reduce signal quality. This wire should be stretched out as best possible and secured so it will not be pinched or cut.

Power down the machine and Locate the MDB Bus connectors between the machine controller and bill acceptor. Then separate the connectors.



Connect to the MDB bus with the two 6 position connectors of the G9  
MDB cable

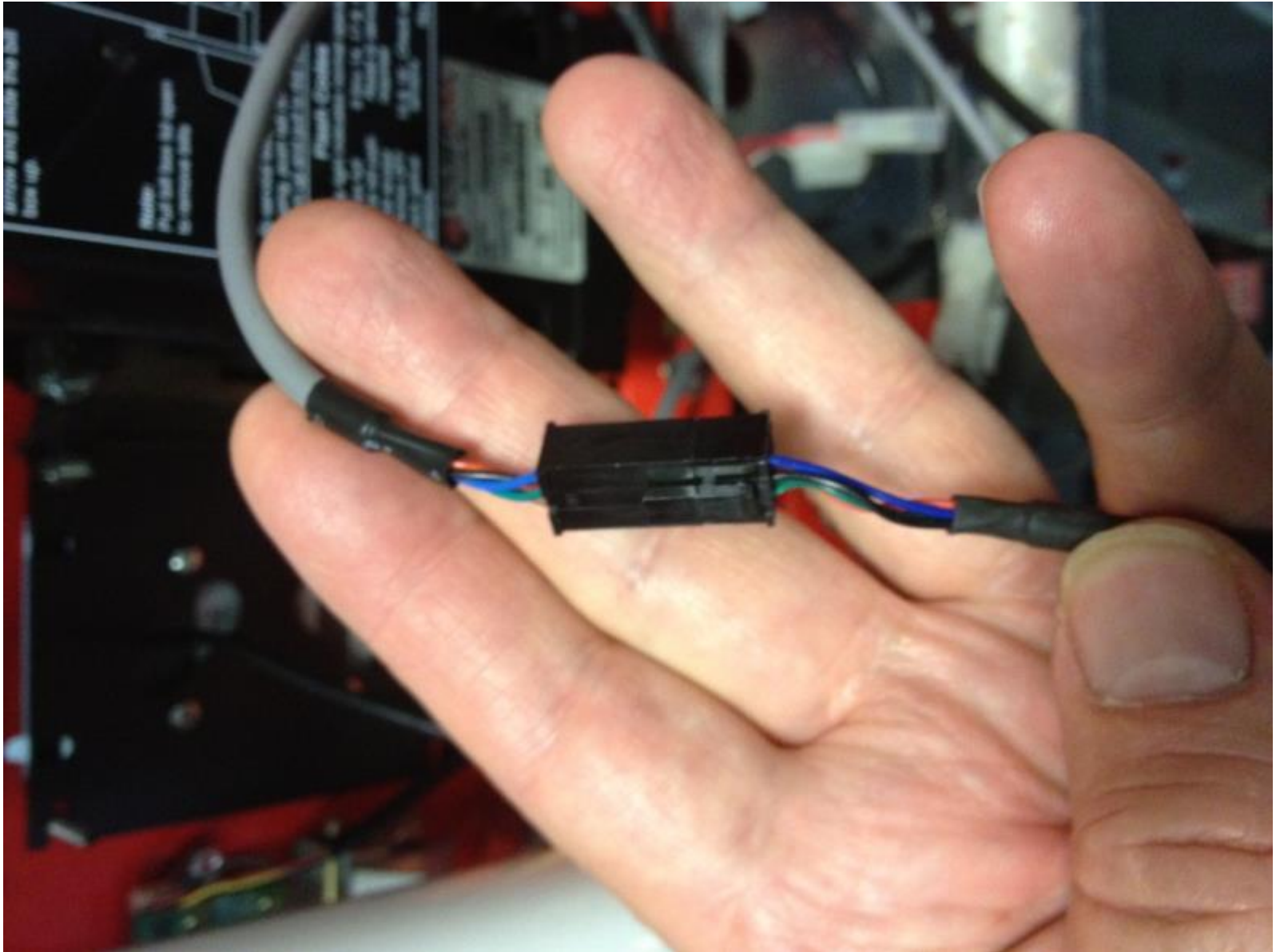




# Antenna connection to G9 Controller



## Card Reader cable connection to G9 Controller



# DEX Connection to VMC



**NOTE:** The vendor DEX port will be found in different locations according to vendor make/model. Look for the standard female phono type receptacle.



The card reader can be installed with a spacer or without depending on the vendor. Be sure to use the short screws for mounting without the spacer. The long screws are for use only with a spacer.



Card reader mounted in second cutout

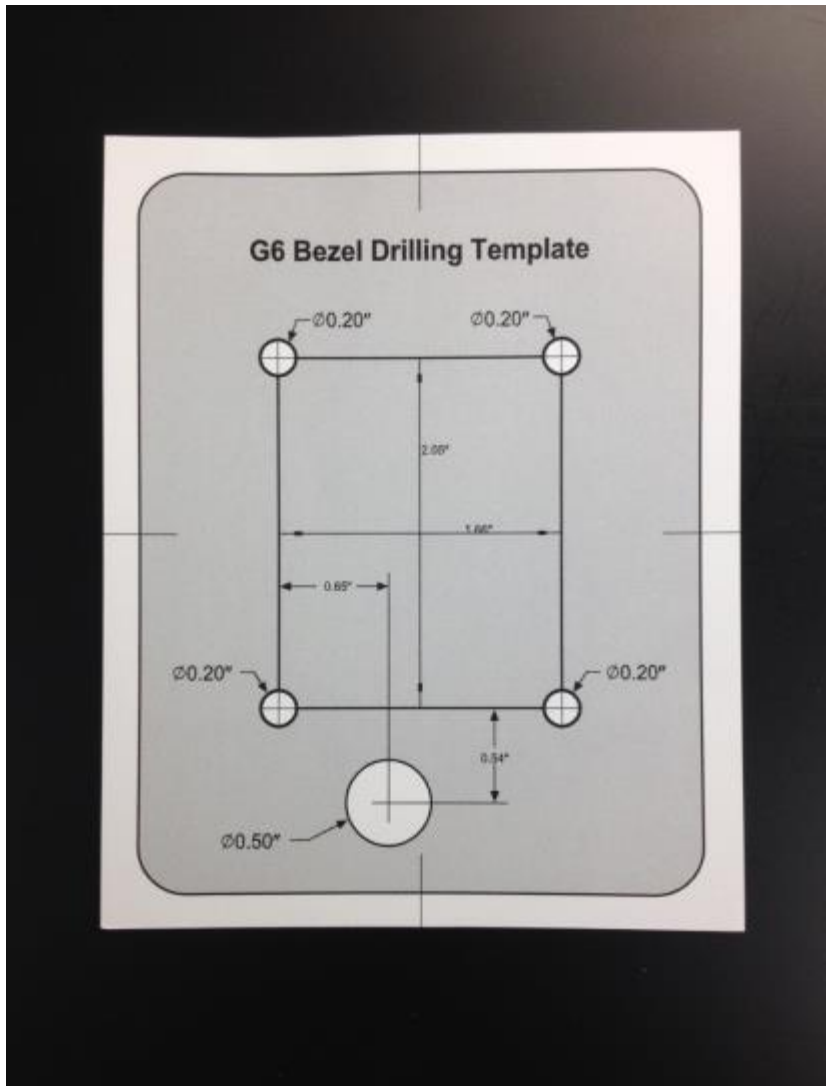


# Inside view of Card Reader with flange plate





# Surface mounted Card Reader using drilling template.



Temporarily remove bill acceptor before drilling holes . Reinstall after mounting Card Reader

# Start up / LED activity and reader displays



Green LED will light and then flash



First card reader display

# Start up / LED activity and reader displays continued



Blue and Green LEDs will blink



Device serial number and firmware rev displayed on reader.



# Start up / LED activity and reader displays continued



Blue and Green LEDs will blink



MEID and IP Address displayed

# Swipe A Card. Unit is ready for business



G9 - Green LED Blinking



Card Reader Welcome Message

# Authorizing a card



Authorizing



Card is approved - ready to vend



User is prompted through the vend process



In multi-vend mode the customer is asked to make another selection or press “END”



Once the END (Complete) button is pressed, the purchased items are totaled

Thank You Message is displayed





# Push this button to perform Signal Test





















LEDs will light according to signal strength. See next slide for LED Chart.



Numeric signal strength reading will display on card reader

# RSSI (CSQ) LED Chart

RSSI	BER	Signal Evaluation	LEDs	Comment:
0 to 7	0 or x	Very Poor	NO LED	
8 to 9	1 to 19	Poor		Short messages (auth, scheduled call-ins) may work but OTA would fail.
	0			
10 to 14	1 to 19	Good		ePort has worked well in the past.
	0		 	
15 to 19	1 to 19	Excellent	 	
	0		  	
20 to 48	1 to 19	BEST	  	
	0		   	
>48	>20			It almost never happens.

# AMS Vendors



Card reader  
opening

Bill acceptor  
opening



# National Merchant



Card reader is inserted in POS window. Card reader kit # 1815084 is available from Crane to mount the reader

# HVV Vendor & DN5800 with optional install kits



Pepsi HVV

HVV card reader kit



Dixie 5800

DN5800 Card Reader kit

# High gain antenna mounting on DN5800














You will need to trim the metal lip above the door to provide clearance for the antenna



# Royal 500 with Card Reader Kit & High Gain Antenna



# G9 LED MATRIX for basic troubleshooting

Red LED	Yellow LED	Green LED	Blue LED	
				In service – one second pulses. (Heartbeat)
				Momentary Device File System transfers. (quick blink when saving)
				Establishing a Cell Connection. (ACTIVATED)
				Pending transaction or Settlement file.
				Initializing.
				Communications for Port 1 only. (not shown when an ERROR)
				Disabled by VMC or no communications to VMC.
	 x2			MDB busy or ReSetting

 = Blinking

x2 = number of blinks

 = On solid