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Cash Drawer Interface

Support: If you need support and have us on your system to help install and configure devices you will need to be under a ongoing 12 month support contract. Serious issues will require shipping all hardware/software to our lab of diagnosis.

Licensing: The SMM optional modules are activated using the Control Menu & System Configuration program. The Second and Third tab contains all of the optional features/modules.

Activate those desired and push the **Print Remittance Invoice** button to print out the invoice used for payment. Upon payment a code will be returned to you to paste into the box in the upper right hand side of the middle tab.

Background: SMM is designed to support a cash drawer system. SMM will open the drawer at the appropriate times and provided an End of Day report designed to balance the drawer by taking the paid outs and subtracting them from the available cash and comparing that remainder to the actual cash count at the end of the day.

Installation: Connect the special USB cable to the PC and cash drawer. Install the **XC_USB Driver** program (on our website). If you are using a receipt printer to open the drawer using the correct cable specifically for this type of configuration connect the drawer to the printer.

Configuration: Using Device Manager, record which Com Port the cable software installation chooses. You can then find the rates, stop bit, etc from the properties (Note: Com4 will use port 3). Select the option for SMM using the Printer for the Cash Drawer on the **SMM Control Menu/System Configuration/Optional Features** page. If you are using a printer to open the drawer SMM has the ability to record UP to two characters that the printer can send to the printer to open the drawer. Record the character(s) in decimal format. Regardless of the method you have chosen, push the TEST button to see if the drawer opens.

Application: SMM will open the Cash Drawer under three conditions. A buy invoice is being printed, the Shift key is held down and the Escape Key is pushed, and the End of Day report is being selected.

Potential Issues

Improper cables for either option.

USB driver not installed or installed incorrectly.

If using the RECEIPT PRINTER Incorrect control character(s).

If using the USB connection incorrect COM information used.



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This is a reference chart for ASCII control characters. We have found that the bell character often is used to trigger a printer output signal.

ASCII NONPRINTING CONTROL CHARACTERS CHART

DECIMAL	CHARACTER	DECIMAL	CHARACTER
null	0	data link escape	16
start of heading	1	device control 1	17
start of text	2	device control 2	18
end of text	3	device control 3	19
end of transmission	4	device control 4	20
inquiry	5	negative acknowledge	21
acknowledge	6	synchronous idle	22
bell	7	end of transmission block	23
backspace	8	cancel	24
horizontal tab	9	end of medium	25
line feed/new line	10	substitute	26
vertical tab	11	escape	27
form feed/new page	12	file separator	28
carriage return	13	group separator	29
shift out	14	record separator	30
shift in	15	unit separator	31
space	32	DEL	127