

Hyosung (Enhanced Std 1) TCP/IP settings for Systech Opt Connect devices

Customer Setup>Select Processor> Communication	Customer Setup>Select Processor> TCP/IP Type	Customer Setup>Select Processor>Message format
Comm Type: TCP/IP	Standard TCP/IP	Message Format: standard 1
	SSL: Disabled	
	Version: TLS up to 1.2 (if missing, you should update software)	Customer Setup>Standard 1 options
	SSL Cert: Disabled	Terminal totals: Enabled
		Reversal at Host: Enabled
		Reason for Rev: Disabled
Host Setup>Routing ID	Host Setup> Host IP Address	System Setup> Terminal IP
CDHY	URL option: Enabled	DHCP: Disabled
	Host Addr1: 192.168.1.90	IP: 192.168.1.91
	Host Port1: 7006	SM: 255.255.255.0
	HostAddr2: 192.168.1.90	GW: 192.168.1.90
	Host Port2: 7006	
DCC Options: (only use this section if you wish to enable Currency Conversion)	Customer Setup>Standard 1 options> Extended functions>	Minimum Software
	Dynamic flow: Enabled	WINCE5.0 : 1800CE, 5000CE, 5300CE Version : US V01.04.14
	1 st Call: Disabled	WINCE6.0 : 1800SE, 2700, 4000W, 5000SE, and HALO(2600) Version : US V06.01.06
	Pin Change: Disabled	WIN ATM (WIN XP or WIN7) : 5100T, 5300, 5600, and 7000(MBS5000) Version : US V01.04.00
	Currency conversion: Enabled (Host det)	
	Currency Conversion option: Set to CDS (General, if you do not see the CDS option)	

Hyosung (Enhanced Std 1) TCP/IP LAN Troubleshooting

Error	D1500	Data is not being sent or returned to the terminal
	A	Log into your terminal using the master password. Navigate to: Master functions > System Setup>Terminal IP. Ensure that the DHCP option is enabled. If DHCP is enabled, and the connection to the location router is valid and functioning, the IP address, subnet mask, and gateway fields will be generated automatically. If you see 0.0.0.0 or blanks for any of these three addresses, proceed to step B. If all three addresses are present and you still get D1500 errors, proceed to Step C.
	B	Check the physical condition of the Ethernet cable. Unplug and reseal both ends of the cable to ensure a good connection. Check for green / amber LED's next to the ports which indicate a connection. If your terminal lacks LED indicators on its Ethernet port, you can test the line by connecting it to a laptop. If the LED's on the laptop do not illuminate, the cable may require replacement. Before replacing the line, proceed to step D.
	C	Verify that ALL settings you have entered match this guide exactly. If your settings are correct, It is likely that communications from the ATM, which go to CDS over port 6964 are being blocked by the ISP. Contact the Internet Service Provider of the location's network and request that communications on port 6964 be allowed.
	D	Contact the location's Internet Service Provider to ensure that the router to which you are connecting does not require a static address. Some locations, most notably Hotels, large businesses and franchises, have secure networks which require a static address. Speak with the ISP or location IT representative to obtain an IP address, a subnet mask, a gateway, and a DNS address. Log into the terminal. Navigate to: Operator Functions>System Setup>Terminal IP and disable DHCP. You can now enter the static addresses the location to you.

Error	D1704	No ACK / NAK :CDS received but rejected the transaction / communication (incl. any "D170x" type of error)
		Verify terminal programming. Ensure that your terminal ID is correct (Host setup> Terminal ID) . Verify Host address and port. (Host Setup>Host Address)

Error	DA0111	Pin Translation error / Master keys are incorrect
	A	Log into Key management. (Operator>Host Setup>Key Management>Enter Master Keys> input password 1&2 >) Key mode should be TDES or TDES 3. Verify that the Check Digit matches the one provided when the master keys for this terminal were bound.
	B	Verify Terminal ID. (Operator> Host Setup> Terminal ID)

Error	.	First Field ID Code Mismatch (when attempting to go into service)
		Master Keys have not been bound on the CDS website for this terminal. You can bind keys on www.columbusdata.net or have Tech Support bind them for you by telephone.