

## F. ERROR CODE TABLE

### F.1 Journal Printer (Option)

CODE	Error Cause and Handling	
9721111	Cause	Off line status (Journal Printer)
	Handling	Check communication cable and the connectors Check power connection
9721112	Cause	On busy
	Handling	Check whether printer is printing or not at that time - If printing, it is normal. After printing is finished, then try again. - If not, check PCB on printer
9721121	Cause	Hardware Error
	Handling	Check printing header movement Check paper jam and feeding status by pressing feed button Reboot ATM
9721122	Cause	Recoverable Error
	Handling	Recover printer's Error Reboot ATM
9721123	Cause	Unrecoverable Error
	Handling	Reboot ATM Replace printer
9721124	Cause	Paper jammed
	Handling	Remove jammed paper

## F.2 Card Reader

CODE	Error Cause and Handling	
9723010	Cause	Failed to open device
	Handling	Reboot ATM Test with diagnostics in supervisor mode Check communication cable and connectors of card reader Check card reader driver version
9723016	Cause	Time out to receive data
	Handling	Reboot ATM Test with diagnostics in supervisor mode Check communication cable and connectors of card reader Check card reader driver version
9723019	Cause	Polling down
	Handling	Reboot ATM Test with diagnostics in supervisor mode Check communication cable and connectors of card reader Check card reader driver version

### F.3 Cash Dispenser

CODE	Error Cause and Handling	
4003000	Cause	Failed in checking the main motor echo
	Handling	Initialize Check Main Motor Encoder Slit Initialize after Power On/Off Check Encoder Sensor CS8 BRKT Check CS8 Sensor Cable Change Main Motor Encoder Slit Sensor CS8
4003100	Cause	Failed in checking the reject gate solenoid echo
	Handling	Listen to "click" sound during cash dispenser initializing - If that sound occurs in 2 seconds after motor was turned, it is normal - If there is delayed, replace PCB on cash dispenser
4003200	Cause	Failed in checking the present gate solenoid echo
	Handling	Listen to "click" sound during cash dispenser initializing - If that sound occurs in 2 seconds after motor was turned, it is normal - If there is delayed, replace PCB on cash dispenser
4003300	Cause	Check sum error (No information is set)
	Handling	Replace PCB on cash dispenser
4003400	Cause	Error of double notes detecting sensor(CS5_1) for initializing
	Handling	Check CS5_1 Sensor Cable Check second Dip Switch in CDU B/D Change CS5_1 Sensor
4003600	Cause	Error of CS 2, CS13 sensor during initialization
	Handling	Check note jam at CS2 and CS13 sensor Clean CS2 and CS13 sensors Reconnect CS2 and CS13 sensors Replace CS2 and CS13 sensor
4003700	Cause	Error of 2 sheets detecting sensor(CS5_1/CS5_2) for dispensing
	Handling	Check note jam at CS5 sensor Clean CS5 sensor Reconnect CS5 sensors Replace CS5 sensor
4003800	Cause	Error in checking SRAM
	Handling	Reboot ATM Replace PCB on cash dispenser

CODE	Error Cause and Handling	
4003900	Cause	Gate operation sensor (CS3) error before initial recovery
	Handling	Initialize after removing notes or dust over Gate Check CS3 Sensor BKRT Check CS3 Sensor Cable Exchange Sensor after abnormal operating CS3 Gate detecting Sensor Exchange Reject Solenoid 1
4003A00	Cause	More than 5 notes of cash dispensing is required during a test
	Handling	Check command that CDU is received Check CDU EP ROM Version or specification
4003B00	Cause	CS15A or CS 15B sensor is detected as dark after initial recovery
	Handling	Remove notes or dust in existence CS15A Sensor Check CS15A Sensor Cable Exchange Sensor after abnormal operating CS15A Sensor
4004000	Cause	Cassette is removed during separate rejection
	Handling	Push the cassette until making "click" sound Check the catcher inside cassette guide
4004100	Cause	Error if re-driving is over 5 times during separated rejection
	Handling	Check notes in Reject Box Rearrange notes in Cassette Remove dust in CS15AB, CS31AB, CS41AB CS1AB Sensor Check dust existing in CS5 Sensor Guide Check dust existing in Main Motor Encoder Slit Check index value of notes each cassette
4004200	Cause	In case the number of notes detected outlet sensor(CS13) is less than the number of required notes
	Handling	Check notes dispensed and rejected Remove notes jammed in CDU Remove dust in CS13 Sensor Exchange sensor after abnormal operating CS13 Sensor
4004300	Cause	Error if total reject is more than 20 sheets
	Handling	Check notes in Reject Box Rearrange notes in Cassette Remove dust in CS1AB, CS15AB, CS31AB, CS41AB Sensor Check dust in existence CS5 Sensor Guide Check notes index value

CODE	Error Cause and Handling	
4004400	Cause	Error if continuous 7 times are rejected continuously
	Handling	Check notes in Reject Box Rearrange notes in Cassette Check dust in Main Motor Encoder Slit Remove dust in CS15AB, CS31AB, CS1AB Sensor Exchange CS8 Encoder Slit Sensor
4004500	Cause	In case the number of notes detected outlet sensor(CS13) is more than required notes
	Handling	Check notes dispensed and rejected Remove dust in CS13 Sensor Exchange sensor after abnormal operating CS13 Sensor
4004600	Cause	Program error(Separated rejection)
	Handling	Initialize after Reset Power Upgrade CDU Firmware or Re-download Exchange CDU B/D
4004700	Cause	1 cassette misfeed error (Separated rejection)
	Handling	Check notes in 1 Cassette Check Sensor(CS6) Poll Check jam in 1 cassette and reload Remove dust in CS1A, CS1B Sensor Exchange 1 cassette box when there are many error
4004800	Cause	Error if the number of dispensed notes is not matched to the requested
	Handling	Check CS13 sensor (note jam and dust) Replace CS13 sensor
4004900	Cause	Zero note dispensing is requested
	Handling	Check cash dispenser driver version (CDM SP)
4004A00	Cause	Error of note jam (Separated rejection)
	Handling	Remove jammed notes on CDU return path Remove dust in CS1~CS4 sensor Install after rearranging notes in cassette
4004B00	Cause	Notes are rejected more than 4 times continuously during note dispensing
	Handling	Check state of notes in reject box Rearrange notes in cassette Check cash dispenser configuration Check foreign objects in the main motor encoder slit. Replace the CS8 encoder slit sensor Check and replace cassette

CODE	Error Cause and Handling	
4004C00	Cause	In case the number of notes detected outlet sensor(CS13) is more than that of notes detected on CS1A,B sensor
	Handling	Check CS1 sensor Reconnect CS1 sensor
4004D00	Cause	No cassette #1 detected before note dispensing
	Handling	Set cassette #1 correctly Check the catcher inside cassette #1 guide
4004E00	Cause	No cassette #2 detected before note dispensing
	Handling	Set cassette #2 correctly Check the catcher inside cassette #2 guide
4005100	Cause	Received a request for over 121 notes dispensing on the CDU from the upper unit.
	Handling	Check cash dispenser driver version (CDM SP)
4005200	Cause	The remaining notes at the sensor in front of the CST after dispense operation (CS1A, CS1B)
	Handling	Remove the remaining notes at a sensor in front of the CST Realign notes in the cassette Check abnormal clutch. Check abrasion of the cassette box pick unit.
4005400	Cause	CDU EP Program Error during dispense operation (failed table search)
	Handling	Initialize after resetting the power Upgrade the CDU firmware or re-download software Replace the CDU B/D
4005500	Cause	Timeout due to note's length error passed through the CS13 during dispensing
	Handling	Remove a jammed note between the tray and CDU Remove a jammed note at the position of the CS13 sensor Remove a dust on the CS13 sensor
4005600	Cause	Abnormal operation of the gate solenoid during dispensing
	Handling	Remove a jammed note on the gate Remove notes in the reject box and remount the reject box Check if the CS3 sensor bracket is bended. Check if the CS3 sensor cable is disconnected (CN10 #9~10) Exchange a sensor after abnormal operating CS3 Gate detecting sensor. Replace the reject solenoid 1

CODE	Error Cause and Handling	
4005700	Cause	Cash dispenser configuration error
	Handling	Replace cash dispenser PCB Reconfigure cash dispenser setup data
4005800	Cause	Retract box position error during command reserved operation
	Handling	Mount the retract box or open the box cover Check if CS62 sensor poll is abnormal Check if the CS62 sensor cable is disconnected (CDU Board CN10 #5~2).
4005900	Cause	Note jam during initializing
	Handling	Remove jammed notes Clean the sensors (CS1~CS15) in cash dispenser
4005D00	Cause	Continuously detected double notes for three times or more during dispensing
	Handling	Check notes' status in the reject box Realign notes in the cassette Check foreign objects at the position of the CS5 Sensor Guide Check if the CS5 cable is disconnected (CS5_1:CDU B/D CN10 #11~12, 25~28//CS5_2:CN12)
9712000	Cause	Failed to create file
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9712100	Cause	Failed to read file
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9712200	Cause	Failed to write file
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9712300	Cause	Failed to close file
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9712400	Cause	Failed to delete file
	Handling	Reboot ATM Reinstall software Replace hard disk drive

CODE	Error Cause and Handling	
9712500	Cause	Failed to copy file
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9712600	Cause	Failed to create directory
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9719000	Cause	Failed to execute an extra command in the status of Cash Unit Exchange
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9719100	Cause	In case of not being the status of Cash Unit Exchange out of End Exchange
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9719200	Cause	In case of carrying out Cash In Start command at two times
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9719300	Cause	In case of not being the status of Cash In out of End Cash In
	Handling	Reboot ATM Reinstall software Replace hard disk drive
9719400	Cause	Invalid Cash Unit ID
	Handling	Reconfigure cash dispenser setup data
9719500	Cause	Invalid Cash Unit number
	Handling	Reconfigure cash dispenser setup data
9719600	Cause	The abnormal of the number of Cash Unit
	Handling	Reconfigure cash dispenser setup data
971A000	Cause	Invalid denomination
	Handling	Reconfigure denomination at supervisor mode
971A100	Cause	Invalid currency
	Handling	Reconfigure currency at supervisor mode



<b>CODE</b>	<b>Error Cause and Handling</b>	
971A200	Cause	Not dispensable from cassette
	Handling	Reconfigure denomination Reconfigure currency
971A300	Cause	In case the number of bills dispensed exceeds the maximum dispensing bill
	Handling	Check cash dispenser driver (CDM SP) version Reconfigure the maximum dispensable count
971A400	Cause	In case the number of coins dispensed exceeds the maximum dispensing coin
	Handling	Check coin dispenser driver version Reconfigure the maximum dispensable count
971A500	Cause	Invalid mix number
	Handling	Reconfigure cash dispenser at supervisor mode
971B000	Cause	No notes in stacker during rejecting or retracting notes
	Handling	Check a dust in stacker Reconfigure the maximum dispensable count
971C000	Cause	Undefined command is received
	Handling	Reinstall software
971D100	Cause	Partial dispense from cassette #1
	Handling	Check the replenished amount and replenish Check the notes in cassette #1
971D200	Cause	Partial dispense from cassette #2
	Handling	Check the replenished amount and replenish Check the notes in cassette #2
971D300	Cause	Partial dispense from cassette #3
	Handling	Check the replenished amount and replenish Check the notes in cassette #3

**F.4 Receipt Printer**

<b>CODE</b>	<b>Error Cause and Handling</b>	
2010100	Cause	Receipt printer lever opened before printing
	Handling	Close the lever of print head completely
2010200	Cause	TPH (Thermal Printing Head) overheated before printing
	Handling	Wait the time until the temperature of head adequately slow down and try to initialize
2010300	Cause	Paper jam before printing, cutting paper or discharging paper
	Handling	Remove jammed paper between printer head and rollers Check and clean sensor Replace sensor
2010400	Cause	Detecting no paper before printing (No paper)
	Handling	Replenish receipt paper Check the status of sensor and its connector
2010500	Cause	Detecting paper setting error before printing
	Handling	Check the status of paper setting Check the sensor status and its connector
2010600	Cause	Command is received while doing self-test
	Handling	After terminating self-test and initialize receipt printer
2010700	Cause	Detecting paper low (near end) before printing
	Handling	Replenish receipt paper Check the status of Near End sensor and its connector
2010800	Cause	Paper cutting error
	Handling	Check the Cutter module Check if printer head lever is properly close
2010900	Cause	Dark sensing error before printing
	Handling	Check the status of dark sensor(black mark sensor) Check whether dip switch # 6 is set or not (Dip switch # 6 has to be turned on for not using dark sensing)
2010A00	Cause	The size of image print data is abnormal while printing image
	Handling	Check the AP version and initialize
2080100	Cause	Receipt printer lever opened after printing
	Handling	Close the lever of print head completely

<b>CODE</b>	<b>Error Cause and Handling</b>	
2080200	Cause	TPH (Thermal Printing Head) overheated after printing
	Handling	Wait the time until the temperature of head adequately slow down and try to initialize
2080300	Cause	Paper jam after printing, cutting paper or discharging paper
	Handling	Remove jammed paper between printer head and rollers Check and clean sensor Replace sensor
2080400	Cause	Detecting no paper after printing (No paper)
	Handling	Replenish receipt paper Check the status of sensor and its connector
2080500	Cause	Detecting paper setting error after printing
	Handling	Check the status of paper setting Check the sensor status and its connector
2080600	Cause	Command is received while doing self-test
	Handling	After terminating self-test and initialize receipt printer
2080700	Cause	Detecting paper low (near end) after printing
	Handling	Replenish receipt paper Check the status of Near End sensor and its connector
2080800	Cause	Paper cutting error
	Handling	Check the Cutter module Check if printer head lever is properly close
2080900	Cause	Dark sensing error after printing
	Handling	Check the status of dark sensor(black mark sensor) Check whether dip switch # 6 is set or not (Dip switch # 6 has to be turned on for not using dark sensing)
2080A00	Cause	The size of image print data is abnormal while printing image
	Handling	Check the AP version and initialize
9720000	Cause	Communicate fail during opening printer driver (PTR SP)
	Handling	Check if communication cable or com port is not connected
9722010	Cause	Communicate fail during opening printer driver (PTR SP)
	Handling	Check if communication cable or com port is not connected
9722DN0	Cause	Failed to connect communication between Receipt printer and SP
	Handling	Check if communication cable or com port is not connected

## F.5 Modem

CODE	Error Cause and Handling	
D030000	Cause	No response from the modem controller within a specified time after issuance.
	Handling	Check modem cable      Contact technical support team
D030100	Cause	The target call address has call blocking enabled.
	Handling	Check modem cable      Contact to technical support team
D030200	Cause	The specified terminal identifier is invalid.
	Handling	Check modem cable      Contact technical support team
D030300	Cause	All call appearances on the specified address are currently in use.
	Handling	Check modem cable      Contact technical support team
D030400	Cause	The dialable address parameter contains dialing control characters that are not processed by the service provider.
	Handling	Check modem cable      Contact to technical support team
D030500	Cause	The specified country/region code is invalid.
	Handling	Check modem cable      Contact host and phone company
D030600	Cause	The operation failed for an unspecified or unknown reason.
	Handling	Contact technical support team
D030700	Cause	Insufficient resources to complete the operation
	Handling	Contact technical support team

## F.6 Miscellaneous

CODE	Error Cause and Handling	
1030100	Cause	Key data error from host
	Handling	Contact to host
2000400	Cause	Vault door opened
	Handling	Close door Check whether dip switch # 6 is set or not
2001300	Cause	Paper empty
	Handling	Replenish receipt paper
9701010	Cause	Communication fail between PIN driver (PIN SP) and pinpad
	Handling	Check communication cable or com port is not connected
9701012	Cause	Command sending fail to pinpad
	Handling	Check communication cable or com port is not connected
9701016	Cause	Data receiving fail from pinpad (EPP)
	Handling	Check if communication cable or com port is not connected
9701017	Cause	Data sending fail from pinpad (EPP)
	Handling	Check if communication cable or com port is not connected
9701031	Cause	Pinpad (EPP) configuration data reading error
	Handling	Reboot ATM Re-install software
9701040	Cause	Failed to produce Thread for pinpad (EPP)
	Handling	Reboot ATM Re-install software
9701060	Cause	Failed to create buffer for pinpad (EPP)
	Handling	Reboot ATM Re-install software
9701111	Cause	BCC error from pinpad (EPP)
	Handling	Reboot ATM Replace pinpad
9701150	Cause	Pinpad (EPP) is down when it receives an 'Initializing' command
	Handling	Reboot ATM Replace pinpad

CODE	Error Cause and Handling	
9701151	Cause	Pinpad (EPP) is down when it receives an 'Get Status' command
	Handling	Reboot ATM Replace pinpad
9701152	Cause	Pinpad (EPP) is down when it receives an 'Clear Func Key' command
	Handling	Reboot ATM Replace pinpad
991@@91	Cause	Power off during transaction
	Handling	Check power supply
C101000	Cause	Out of Cash
	Handling	Replenish notes
D000100	Cause	Modem initializing error. An error is received from the modem controller after Modem Initialize command is issued.
	Handling	Check modem Reboot ATM
D000200	Cause	Reversal transaction failure. Cancellation of the transaction due to an error having occurred while notes were dispensed was notified to the host, however, the host did not receive this notification.
	Handling	Contact to bank to refund
D000300	Cause	PIN ERROR
	Handling	Transaction was denied by host
D000400	Cause	INVALID PIN
	Handling	Transaction was denied by host
D000500	Cause	BANK UNAVAILABLE
	Handling	Transaction was denied by host
D000600	Cause	CARD NOT SUPPORTED
	Handling	Transaction was denied by host
D000700	Cause	INSUFFICIENT FUNDS
	Handling	Transaction was denied by host
D000800	Cause	INELIGIBLE TRANSACTION
	Handling	Transaction was denied by host
D000900	Cause	INELIGIBLE ACCOUNT
	Handling	Transaction was denied by host
D001000	Cause	DAILY LIMIT EXCEEDED
	Handling	Transaction was denied by host

<b>CODE</b>	<b>Error Cause and Handling</b>	
D001100	Cause	UNABLE TO PROCESS
	Handling	Transaction was denied by host
D001200	Cause	AMOUNT TOO LARGE This error code means "Invalid Transaction" at ATM connected to RBS-LYNK.
	Handling	Transaction was denied by host
D001300	Cause	ACCOUNT CLOSED This error code means "Invalid Amount" at ATM connected to RBS-LYNK.
	Handling	Transaction was denied by host
D001400	Cause	PIN TRIES EXCEEDED This error code means "Invalid Card Number" at ATM connected to RBS-LYNK.
	Handling	Transaction was denied by host
D001500	Cause	UNABLE TO PROCESS
	Handling	Transaction was denied by host
D001600	Cause	WITHDRAWAL LIMIT ALREADY REACHED
	Handling	Transaction was denied by host
D001700	Cause	INVALID AMOUNT
	Handling	Transaction was denied by host
D001800	Cause	EXTERNAL DECLINE
	Handling	Transaction was denied by host
D001900	Cause	SYSTEM ERROR
	Handling	Transaction was denied by host
D002000	Cause	CONTACT CARD ISSUER. This error code means "Surcharge screen should have been displayed" at ATM connected to RBS-LYNK.
	Handling	Transaction was denied by host
D002100	Cause	ROUTING LOOKUP PROBLEM
	Handling	Transaction was denied by host
D002200	Cause	UNABLE TO PROCESS
	Handling	Transaction was denied by host
D002300	Cause	TRANSACTION NOT SUPPORTED
	Handling	Transaction was denied by host

<b>CODE</b>	<b>Error Cause and Handling</b>	
D002400	Cause	Exceeds Issuer Withdrawal Limit
	Handling	Transaction was denied by host
D003900	Cause	No Credit Account
	Handling	Transaction was denied by host
D005100	Cause	Insufficient Funds
	Handling	Transaction was denied by host
D005200	Cause	No Checking Account
	Handling	Transaction was denied by host
D005300	Cause	No Savings Account
	Handling	Transaction was denied by host
D005400	Cause	Expired Card
	Handling	Transaction was denied by host
D005500	Cause	Incorrect Pin
	Handling	Transaction was denied by host
D005700	Cause	Transaction not Permitted – Card
	Handling	Transaction was denied by host
D005800	Cause	Transaction not Permitted – Terminal
	Handling	Transaction was denied by host
D006100	Cause	Exceeds Withdrawal Limit
	Handling	Transaction was denied by host
D007500	Cause	PIN Tries Exceeded
	Handling	Transaction was denied by host
D007800	Cause	No Account
	Handling	Transaction was denied by host
D008000	Cause	Invalid Date
	Handling	Transaction was denied by host
D008300	Cause	Can not Verify PIN
	Handling	Transaction was denied by host
D008600	Cause	Can not Verify PIN
	Handling	Transaction was denied by host
D009100	Cause	Bank Unavailable
	Handling	Transaction was denied by host



<b>CODE</b>	<b>Error Cause and Handling</b>	
D009200	Cause	System Unavailable
	Handling	Transaction was denied by host
D009300	Cause	Transaction Serial Number mismatched
	Handling	Transaction was denied by host
D009400	Cause	Record Format Mismatched. Check if a proper AP for the host has been loaded.
	Handling	Transaction was denied by host
D009500	Cause	Routing Identification Mismatched. Check the routing Identification.
	Handling	Transaction was denied by host
D009600	Cause	Terminal Identification Mismatched. Check the terminal Identification.
	Handling	Transaction was denied by host
D009700	Cause	Response Type Mismatched (Reversal)
	Handling	Transaction was denied by host
D009800	Cause	Response Type Mismatched (Day Close)
	Handling	Transaction was denied by host
D009900	Cause	Response Type Mismatch (Config.)
	Handling	Transaction was denied by host
D009A00	Cause	Response Type Mismatch (Withdrawal/Balance/Transfer)
	Handling	Transaction was denied by host
D009B00	Cause	STX missing
	Handling	Check modem cable Contact to host
D009C00	Cause	ETX missing
	Handling	Check modem cable Contact to host
D009D00	Cause	FS missing (next to Response Code)
	Handling	Check modem cable Contact to host
D009E00	Cause	FS missing(next to Retrieval Reference Number)
	Handling	Check modem cable Contact to host
D009F00	Cause	FS missing(next to System Trace Audit Number)
	Handling	Check modem cable Contact to host

<b>CODE</b>	<b>Error Cause and Handling</b>	
D00A000	Cause	FS missing (next to Account Balance)
	Handling	Check modem cable Contact to host
D00A100	Cause	FS missing (next to Available Balance)
	Handling	Check modem cable Contact to host
D00A200	Cause	FS missing (next to Surcharge Amount)
	Handling	Check modem cable Contact to host
D00A300	Cause	FS missing (next to Authorization Response Text)
	Handling	Check modem cable Contact to host
D00A400	Cause	ETX position is not correct.
	Handling	Check modem cable Contact to host
D00A500	Cause	FS missing (next to Total Cash Dispense Amount in the Day Close message)
	Handling	Check modem cable Contact to host
D00A600	Cause	FS missing (next to Total Non Cash Dispense Amount in the Day Close message)
	Handling	Check modem cable Contact to host
D00A700	Cause	FS missing (next to Total Surcharge Amount in the Day Close message)
	Handling	Check modem cable Contact to host
D00A800	Cause	FS missing (next to Surcharge Amount in the Configuration message)
	Handling	Check modem cable Contact to host
D00A900	Cause	ETX missing (in the Configuration message)
	Handling	Check modem cable Contact to host
D011100	Cause	REVERSAL DECLINED
	Handling	Check modem cable Contact to host

CODE	Error Cause and Handling	
D022200	Cause	PIN CHANGE DECLINED
	Handling	Check modem cable Contact to host
D100000	Cause	No connection
	Handling	Check modem cable Contact to host and phone company
D110000	Cause	ENQ was not received from the host.
	Handling	Contact to phone company Contact to host
D120000	Cause	Transmission error : Failed to receive the whole data within 5 seconds after requesting the modem to send the data.
	Handling	Contact to phone company Contact to host
D130000	Cause	NAK has been sent three times or more. Failed in receiving the data due to parity or LRC error. Therefore, sent NAK to the host and requested to send the data again three times or more.
	Handling	Contact to phone company Contact to host
D150000	Cause	Modem dial connection time-out (while dialing the modem) No response from host for 60 seconds.
	Handling	Try later Contact to host and to phone company
D170100	Cause	No carrier before sending data after modem connection
	Handling	Check phone line status Check ground of AC power and noise between modem cable and power cable
D170200	Cause	No carrier before receiving ENQ from host
	Handling	Check phone line status Check ground of AC power and noise between modem cable and power cable
D170300	Cause	No carrier before sending transaction request data to host
	Handling	Check phone line status Check ground of AC power and noise between modem cable and power cable

<b>CODE</b>	<b>Error Cause and Handling</b>	
D170400	Cause	No carrier after sending transaction request data to host
	Handling	Check phone line status Check ground of AC power and noise between modem cable and power cable
D170500	Cause	No carrier before receiving ACK from host
	Handling	Check phone line status Check ground of AC power and noise between modem cable and power cable
D170600	Cause	No carrier after receiving ACK from host
	Handling	Check phone line status Check ground of AC power and noise between modem cable and power cable
D180000	Cause	No dial tone
	Handling	Check modem
D190000	Cause	No Answer
	Handling	Check phone number Contact to telephone company and host
D200000	Cause	Dial(Line) busy
	Handling	Make a transaction later Check ground phone line status
D210000	Cause	Response time-out (30 seconds) for Modem Initialize command before the modem was connected.
	Handling	Check modem
D220000	Cause	EOT was not received from the host.
	Handling	Check phone line status Contact to host
D320000	Cause	Dial connecting time-out (60Sec) or dial connection error Host response message time-out (60Sec).
	Handling	Check phone line status Contact to host
POWERA B	Cause	UPS ABNORMAL
	Handling	Check UPS
POWERA C	Cause	POWER OUT OR AC OFF
	Handling	Check AC power status and environment Check UPS
POWERB A	Cause	BATTERY LOW
	Handling	Check AC power status and environment Check UPS