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Error Codes	Author: Manuel Stocker Date: 6/13/2023

Version 02 Error Number Definition of TD3261G (3G)

----- NIBP -----

ERROR. 01 = Cuff serious leakage or Inflation too slow. (Error 01)
 ERROR. 02 = Arm moving or vibration artifact during measurement (Error 02)
 ERROR. 03 = Cuff pressure is too high.(>300mmHg) (Error 03)
 ERROR. 04 = No pulse or Detected pulses < 3 (Error 04)
 ERROR. 05 = There is no pulse detected before/after I_{max} (Error 05)
 ERROR. 06 = Twin significant peaks in single measurement PO (Error 06)
 ERROR. 08 = System keeps repumping over 2 times (Error 08)

----- EEPROM, UART, MCU -----

ERROR. 10 = EEPROM Read failure.(No Acknowledge!) (Error 10)
 ERROR. 11 = EEPROM Write failure.(No Acknowledge when ACKOR.Polling)
 ERROR. 12 = Calibration is not finished (Error 12)
 ERROR. 13 = Analog Data extraction is not continuous (Error 13)
 ERROR. 14 = EEPROM Address is out of Legal Range (Error 14)
 ERROR. 15 = Data in Both InfoFlash Page A&B are corrupted (Error 15)
 ERROR. 16 = Master asks Slave to resend over 10 times (Chksum Err)
 ERROR. 17 = Slave asks Master to resend over 10 times (Chksum Err)
 ERROR. 18 = Code Card Read failure.(No Acknowledge!)
 ERROR. 19 = Code Card Write failure.(No Acknowledge when ACKOR.Polling)
 ERROR. 20 = Glucose Parameters Check Sum Error

----- Voice, Battery, Blood Glucose -----

ERROR. 51 = Voice chip is not functional (No Voice & No Display)
 ERROR. 52 = Battery is Dead, OR Voltage < 3.1V (Battery is dead.)
 ERROR. 53 = E-U (The test strip has been used. Please replace)
 ERROR. 54 = E-d (Not enough blood, Re-test with a new test strip)
 ERROR. 55 = Ambient is less than the lowest limit.(5.0°C)
 ERROR. 56 = Ambient is bigger than the highest limit.(45.0°C)

----- GSM Module (GPRS) -----

HTTP POST TCP/IP socket Error : 2 ~ 26 display to PCL Err 2 ~ 26

PCL ERROR. 27 = Error when POST data
 PCL ERROR. 28 = Error when Set POST command type
 PCL ERROR. 29 = Error when Set HC Content Length
 PCL ERROR. 30 = Error when System writes RTC time to GSM module
 PCL ERROR. 31 = Entered SIM PIN CODE is incorrect
 PCL ERROR. 32 = Entered SIM PIN2 CODE is incorrect
 PCL ERROR. 33 = SIM card is locked by PUK CODE
 PCL ERROR. 34 = SIM card is locked by PUK2 CODE
 PCL ERROR. 35 = Write User Name String is failed
 PCL ERROR. 36 = Write Password String is failed
 PCL ERROR. 37 = Write APN (Access Point Name) is failed
 PCL ERROR. 38 = Data upload failure because registration is not finished
 PCL ERROR. 39 = CPIN command is OK, But SIM card is not ready
 PCL ERROR. 40 = POSTed content mistakes (HTTP-CODE: 400) (*)
 PCL ERROR. 41 = No Answer due to Module or Internet Service failure (*)
 PCL ERROR. 42 = Read Internet Service Operator failure
 Manually deregister from network or SIM remains unregistered
 PCL ERROR. 43 = Blank time string, needs to retry

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PCL ERROR. 44 = Internet Service Write Failure (POST)
PCL ERROR. 45 = GSM module cannot link to GPRS Service (Service Open failed) (*)
PCL ERROR. 50 = Data Server is failed to operate (HTTP-CODE: 500)

HTTP POST Socket Error : 46 ~ 61 display to PCL Err 46 ~ 61

PCL ERROR. 62 = Error HTTP POST: IllegalArgumentException HTTP-CODE: 302
PCL ERROR. 63 = URL address mistaken (HTTP-CODE: 404)
PCL ERROR. 64 = POSTed parameter mistaken (HTTP-CODE: 415)
PCL ERROR. 65 ~ 68 are reserved to other HTTP-CODE errors
PCL ERROR. 69 = Undefined HTTP POST Error (HTTP-CODE: ???)

PCL ERROR. 70 = Timer Time Out. GSM module does not exist or boot failed
PCL ERROR. 71 = 3G GSM module I/O pad voltage is too low ($V_{180} < 0.88V$)
PCL ERROR. 72 = Error when Enable URC for HTTP
PCL ERROR. 73 = Error when Set up GPRS connection
PCL ERROR. 74 = Error when Error when Assign URL address
PCL ERROR. 75 = Error when Set Service Type
PCL ERROR. 76 = Error when Set Connection ID
PCL ERROR. 77 = No GSM Electric Magnetic Wave Signal
Read Error when Check Electric Magnetic Wave Signal Quality

HTTP POST Socket Error : 84 ~ 99 display to PCL Err 84 ~ 99

HTTP POST Socket Error : 119 ~ 126 display to PCL Err 119 ~ 126

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- 2 Invalid socket descriptor Socket error
 - 3 Bad address specified Socket error
 - 4 Invalid operation Socket error
 - 5 No free socket descriptors Socket error
 - 6 The operation would block Socket error
 - 7 A previous attempt at this operation is still ongoing Socket error
 - 8 Socket is not bound Socket error
 - 9 The supplied buffer is too small / large Socket error
 - 10 Flags not supported Socket error
 - 11 Operation not supported Socket error
 - 12 The address is already in use Socket error
 - 13 The network is unavailable Socket error
 - 14 An established connection was aborted (transmission time-out or protocol error)
- Socket error

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- 15 Remote host has reset the connection Socket error
- 16 No buffer space available Socket error
- 17 The socket is already connected Socket error
- 18 For TCP/IP sockets, the socket is not connected Socket error
- 19 Socket has been shut down Socket error
- 20 Connection timed out Socket error
- 21 Remote host has rejected the connection Socket error
- 22 Remote host is unreachable Socket error
- 23 An unexpected error occurred Socket error
- 24 Host not found DNS error
- 25 An error occurred that may be transient; a further attempt may succeed.

DNS error

- 26 An unrecoverable error occurred DNS error

General Information Elements

- 46 Fatal: The service has detected an unknown error
- 47 *) Indicates that the remote service has closed the connection.

The host shall close the service.

- 48 Remote peer has closed the connection
- 49 Fatal: No memory is available for service action
- 50 Fatal: Service has detected an internal error
- 51 Application Task ID is not registered
- 52 Fatal: Entity not supported
- 53 No free Entity available
- 54 Index not supported
- 55 Service is not writeable
- 56 Syntax error in URL
- 57 Configuration Error

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58 No more data available

59 Peek operation rejected

60 Service don't accept further data

61 Fatal: Service has no socket connection

80 Connection profile not defined.

84 PPP LCP FAILED PPP error

85 PAP Authentication failed PPP error

86 CHAP Authentication failed PPP error

87 IPCP failed PPP error

89 PDP: can not obtain controlling task

90 PDP: internal error 1

91 PDP: internal error 2

92 PDP: no authentication req

93 PDP: internal error 3

94 PDP: conection failed

95 PDP: internal error 4

96 PDP: no IP assigned

97 PDP: no network

98 PDP: network is not up

99 PDP: internal error 5

119 PDP: no DNS received

120 DNS: no data

121 DNS: timeout

122 DNS: connection refused

123 DNS: terminated lookup

124 DNS: domain name is too long

125 DNS: invalid server

126 DNS: undefined error

1000 PARA-ERR: <Info> Notifies that service profile contains

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a wrong parameter.

<Info> text indicates the service

profile parameter that contains

an error.

6001 General progress information

for connection setup.

2100 <info> <info> text depends on FTP
