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XUDC9000 Driver Manual

Honeywell UDC9000 Controllers DMCS/Transparent Protocol Driver

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XUDC9000 technical specifications

General information

XUDC9000 Allows you to connect to Honeywell UDC9000 controllers, via Gateway 500, either using the transparent mode protocol or the DMCS proprietary protocol. Devices must be running in WRITE-ENABLED MODE to enable data to be written from the supervisory PC. The connection with the Gateway must be made via RS-232.

Important note: If the Gateway is configured to operate in D mode (Half Duplex), the RTS must be conveniently wired between the PC RS-232 and the Gateway RS-232. If the Gateway is configured to operate in E Mode (Duplex), the RTS pin must be shorted with the Signal Ground pin in the Gateway RS-232 (it is not necessary to short it on the PC side).

Command list

DMCS Protocol Commands

Identifying the Software Version

Description of this command:

This command Allows you to read the software version number, the current mode and the software version number of the communication interface module (CIM).

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-3

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

102

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Values that are returned:

Value in PointValue (0) = Indicates the current mode. It may take the following values:

- 0 = Program
- 1 = Run
- 2 = Run/Program
- 3 = Disable

Value in PointValue (1) = Indicates the software version.

Value in PointValue (2) = Indicates the CIM version.

Getting a Status Listing

Description of this command:

Allows you to read the information of the computer and the CIM status.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-20

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

109

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Meaning of the DriverP2 parameter:

- Sets whether checksum is used in the protocol or not.
- 0 Without checksum
 - 1 With checksum

Meaning of the DriverP3 parameter:

0

Values that are returned:

- Value in PointValue (0) = Indicates the number of error codes returned.
Value in PointValue (1) = Indicates the value of the first error code.
Value in PointValue (2) = Indicates the value of the second error code.
Value in PointValue (3) = Indicates the value of the third error code.
Value in PointValue (4) = Indicates the value of the fourth error code.
Value in PointValue (n) = Indicates the value of the last error code.

Following is the meaning of the error codes returned:

- 00 = CIM/Processor interface fault - The CIM and Main Processor have not established communications.
- 01 = CIM Version Number <3 The Shed Timer is out of specification >=3 A shed has occurred since the last time your computer read this status listing.
- 07 = A power loss occurred since the last time your computer read this status listing.
- 08 = There has been a power failure in an I/O rack.
- 09 = The PC has experienced scan loss.
- 10 = The PC battery power failed.
- 12 = The PC self test failed.

Reading the Program Identification

Description of this command:

Allows you to read the program date.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-3

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

116

Meaning of the DriverP2 parameter:

- Sets whether checksum is used in the protocol or not.
- 0 Without checksum
 - 1 With checksum

Meaning of the DriverP3 parameter:

0

Values that are returned:

- Value in PointValue (0) = Month.
Value in PointValue (1) = Day.
Value in PointValue (2) = Year.

Reading the Alarms Flags

Description of this command:

Allows you to read the 16 alarm bits. Reading resets the their value.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-16

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

117

Meaning of the DriverP2 parameter:

- Sets whether checksum is used in the protocol or not.
- 0 Without checksum
 - 1 With checksum

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Meaning of the DriverP3 parameter:

0

Values that are returned:

- Value in PointValue (0) = Alarm Flag 1
- Value in PointValue (1) = Alarm Flag 2
- Value in PointValue (2) = Alarm Flag 3
- Value in PointValue (3) = Alarm Flag 4
- ... -
- Value in PointValue (15) = Alarm Flag 16

Reading the PC System Status

Description of this command:

Allows you to read information from the system status table.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-120

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

118

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first data element to be read, according to the following table:

- 2290 = Scan Time, Number of Miliseconds - LSByte
- 2291 = Scan Time, Number of Miliseconds - MSByte
- 2294 = Force Count - LSByte
- 2295 = Force Count - MSByte
- 2296 = End of Program Address - LSByte (Last opcode address + 1)
- 2297 = End of Program Address - MSByte
- 2298 = User Memory Size - LSByte (512, 1024, 2048, etc)
- 2299 = User Memory Size - MSByte
- 2302 = PC Rom Revision Number
- 2303 = PC Model Number 00H-620-10 01H-620-15 02H-620-20 03H-620-30
- 2401 = Option Card 3, General Status 4 MSB-Status FH-Card Not Present 8H-Card Present and Functional 0H-Card Present but Not Functional 4 LSB-Generic ID FH-Card Not Present 1H-CIM Module 2H-CNM Module
- 2402 = Option Card 2, General Status
- 2403 = Option Card 1, General Status
- 2404 = Option Card 0, General Status
- 2405 = Memory Module Status 00H-Card Not Present or Failed 80H-Card Present and Functional FFH-Card Not Present 55H-Card Not Used (620-10 or -15)
- 2406 = Register Module Status 00H-Card Not Present or Failed 80H-Card Present and Functional
- 2407 = Register Module Size 82H-2K Present and Functional 84H-4K Present and Functional 55H-Card Not Used (620-10 or -15)
- 2408 = Backplane ID 01H-Incorrect Backplane 80H-Correct Backplane
- 2409 = I/O Control Module/Parallel Link Driver Module (ICOM/PLDM) Status 00H-Failed 80H-Card Present and Functional FFH-Card Not Present 55H-Card Not Used (620-10 or -15)
- 2410 = System Control Module Status 00H-Failed 01H-Failed 02H-Failed 83H-Card Present and Functional 55H-Card Not Used (620-10 or -15)
- 2411 = Processor Module Status 00H-Card Failed 80H-Card Present and Functional 55H-Card Not Used (620-10 or -15)
- 2412 = Battery Status 00H-Battery Bad 80H-Battery Good
- 2413 = Scan Loss Status 00H-Scan loss 80H-Valid Scan
- 2414 = Card Fault Count LSB
- 2415 = Card Fault Count MSB

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- 2416 = Card Fault Address 8 LSB
- 2417 = Card Fault Address 8 MSB
- 2418 = Card Fault Address 7 LSB
- 2419 = Card Fault Address 7 MSB
- 2420 = Card Fault Address 6 LSB
- 2421 = Card Fault Address 6 MSB
- 2422 = Card Fault Address 5 LSB
- 2423 = Card Fault Address 5 MSB
- 2424 = Card Fault Address 4 LSB
- 2425 = Card Fault Address 4 MSB
- 2426 = Card Fault Address 3 LSB
- 2427 = Card Fault Address 3 MSB
- 2428 = Card Fault Address 2 LSB
- 2429 = Card Fault Address 2 MSB
- 2430 = Card Fault Address 1 LSB
- 2431 = Card Fault Address 1 MSB

Reading a Block of Inputs and Outputs

Description of this command:

Allows you to read one or more I/O.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-120

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

119

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first I/O to be read.

Reading Scattered Inputs and Outputs

Description of this command:

Allows you to read one or more non consecutive I/O.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-82

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

120

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP6 parameter:

Indicates the addresses for the points to be read. Each address is separated by a comma delimiter (i.e.:101,2001,4096).

Reading a Block of Unsigned Registers

Description of this command:

Allows you to read one or more consecutive unsigned registers.

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Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-99

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

121

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first register to be read.

Reading Scattered Unsigned Registers

Description of this command:

Allows you to read one or more non consecutive unsigned registers.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-50

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

122

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be read. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Reading a Block of Signed Registers

Description of this command:

Allows you to read one or more consecutive signed registers.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-81

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

123

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first register to be read.

Reading Scattered Signed Registers

Description of this command:

Allows you to read one or more non consecutive signed registers.

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Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-35

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

124

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be read. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Reading Shed Time

Description of this command:

Allows you to read the controller's shed time. The value read must be divided by 3 to get the number of seconds programmed.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

326

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Changing the Operation Mode

Description of this command:

The value of the variable defines the operation mode. If the variable is ≤ 0 - request Program Mode If the variable is > 0 - release Program Mode

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1301

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Setting the Shed Time

Description of this command:

Allows you to set the shed time. If the value of the variable is higher than 254, it cuts it down. If the value is equal to zero, then the shed time will not be used, thus the shed relay will not be enabled.

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Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1320

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Writing to a Block of Outputs

Description of this command:

Allows you to write the value of one or more outputs. If the variable's value ≤ 0 a 0 is sent to the output, and if the variable's value is > 0 , a 1 is sent to the output.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-120

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1329

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first I/O to be write.

Writing to Scattered Outputs

Description of this command:

Allows you to write the value of one or more non-consecutive outputs. If the variable's value ≤ 0 a 0 is sent to the output, and if the variable's value is > 0 , a 1 is sent to the output.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-82

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1330

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP6 parameter:

Indicates the addresses for the points to be write. Each address is separated by a comma delimiter (i.e.:101,2001,4096).

Writing to a Block of Unsigned Registers

Description of this command:

Allows you to write the value of one or more registers.

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Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-98

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1331

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first register to be write.

Writing to Scattered Unsigned Registers

Description of this command:

Allows you to write the value of one or more non-consecutive registers.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-49

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1332

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be write. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Writing to a Block of Signed Registers

Description of this command:

Allows you to write the value of one or more registers.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-81

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1333

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP4 parameter:

Defines the address of the first register to be write.

Writing to Scattered Signed Registers

Description of this command:

Allows you to write the value of one or more non-consecutive registers.

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Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-44

Meaning of the DriverP0 parameter:

Station address (0-99).

Meaning of the DriverP1 parameter:

1334

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

0

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be write. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

[Transparent Mode Commands]

Transparent Mode Commands

Read Scattered Floating Point Data / Logic Processor Registers Data Type

Description of this command:

Allows you to read a scattered floating point data in logic processor registers data type.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-60

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

0

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be read. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Read Scattered Floating Point Data / LPM Control Block Configuration Data Type

Description of this command:

Allows you to read a scattered floating point data in LPM control block configuration data type.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-60

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

1

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be read. The address is a XXYYY parameter, where:

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- XXX = Control Block Parameter.
- YYY = Control Block Number. Each address is separated by a comma delimiter (i.e.:1200,1202,1208).

Read Scattered Floating Point Data / LPM Control Block Operational Data Type

Description of this command:

Allows you to read a scattered floating point data in LPM control block operational data type.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-60

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

2

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be read. The address is a XXYYY parameter, where:

- XXX = Control Block Parameter.
- YYY = Control Block Number. Each address is separated by a comma delimiter (i.e.:1200,1202,1208).

Read Scattered Logic I/O Data

Description of this command:

Allows you to read a scattered logic I/O data.

Methods used to run this command:

Analog Input / Digital Input

Number of points accepted by this command:

1-82

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

3

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the points to be read. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Write Scattered Floating Point Data / Logic Processor Registers Data Type

Description of this command:

Allows you to write a consecutive scattered floating point data in logic processor registers data type.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-40

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

4

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Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.
- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be read. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Write Scattered Floating Point Data / LPM Control Block Configuration Data Type

Description of this command:

Allows you to write a consecutive scattered floating point data in LPM control block configuration data type.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-40

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

5

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.
- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be write. The address is a XXYYY parameter, where:
- XXX = Control Block Parameter.
- YYY = Control Block Number. Each address is separated by a comma delimiter (i.e.:1200,1202,1208).

Write Scattered Floating Point Data / LPM Control Block Operational Data Type

Description of this command:

Allows you to write a consecutive scattered floating point data in LPM control block operational data type.

Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-40

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

6

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.
- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the registers to be write. The address is a XXYYY parameter, where:
- XXX = Control Block Parameter.
- YYY = Control Block Number. Each address is separated by a comma delimiter (i.e.:1200,1202,1208).

Write Scattered Logic I/O Data

Description of this command:

Allows you to write a consecutive scattered logic I/O data.

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Methods used to run this command:

Analog Output / Digital Output

Number of points accepted by this command:

1-82

Meaning of the DriverP0 parameter:

Station address (1-31).

Meaning of the DriverP1 parameter:

7

Meaning of the DriverP2 parameter:

Sets whether checksum is used in the protocol or not.

- 0 Without checksum
- 1 With checksum

Meaning of the DriverP3 parameter:

1

Meaning of the DriverP6 parameter:

Indicates the addresses for the points to be read. Each address is separated by a comma delimiter (i.e.:4096,5000,5002).

Error messages

The following list shows the possible error messages that can be returned by the driver during a failed communication in the 'Status' property.

[1005] DRIVER (Internal): Invalid driver stage
[1300] PROTOCOL (Timeout): No answer
[1433] PROTOCOL (Format): Validation error in device response
[2147] CONFIG (NumValues): Only one value can be read or written
[2182] CONFIG (NumValues): Too many values (max=120)
[2189] CONFIG (NumValues): Too many values (max=16)
[2206] CONFIG (NumValues): Too many values (max=3)
[2212] CONFIG (NumValues): Too many values (max=35)
[2219] CONFIG (NumValues): Too many values (max=44)
[2222] CONFIG (NumValues): Too many values (max=49)
[2223] CONFIG (NumValues): Too many values (max=5)
[2224] CONFIG (NumValues): Too many values (max=50)
[2227] CONFIG (NumValues): Too many values (max=60)
[2237] CONFIG (NumValues): Too many values (max=81)
[2238] CONFIG (NumValues): Too many values (max=82)
[2242] CONFIG (NumValues): Too many values (max=98)
[2243] CONFIG (NumValues): Too many values (max=99)
[3018] CONFIG (P0): Invalid device address (0-99)
[3024] CONFIG (P0): Invalid device address (1-31)
[3508] CONFIG (P1): Invalid command
[8048] CONFIG (Remote): Checksum protocol indicates a problem
[8092] CONFIG (Remote): Device addressed is busy auto tuning
[8093] CONFIG (Remote): Device addressed is busy with an upload or download
[8098] CONFIG (Remote): Device cannot communicate and did not perform the operation
[8099] CONFIG (Remote): Device cannot perform requested operation in current mode
[8101] CONFIG (Remote): Device has received invalid data and did not perform the operation
[8102] CONFIG (Remote): Device has re-initialized and did not perform the operation
[8103] CONFIG (Remote): Device is busy and did not perform the operation
[8153] CONFIG (Remote): Gateway did not get a response from the device
[8154] CONFIG (Remote): Gateway does not support this operation
[8155] CONFIG (Remote): Gateway's self-tests found problems
[8203] CONFIG (Remote): Length protocol indicates a problem
[8304] CONFIG (Remote): Request has invalid format
[8305] CONFIG (Remote): Request has more than 512 characters
[8309] CONFIG (Remote): Response has more than 512 characters
[8356] CONFIG (Remote): Unknown status code returned
[8357] CONFIG (Remote): Upload operation is complete
[8358] CONFIG (Remote): Upload or download command has failed

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Supported devices

This driver can communicate with these devices, but is not necessarily limited to this list:

HONEYWELL UDC9000 Universal Digital Controllers Via Gateway 500
HONEYWELL IPC620 Programmable Logic Controllers Via Gateway 500
HONEYWELL UDC Universal Digital Controllers Series Via Gateway 500

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