

Siemens S7-1200

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Supported Series

Siemens S7-1200 series Ethernet.

Website: <http://www.siemens.com/entry/cc/en/>

PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Siemens S7-1200 symbolic addressing (Ethernet)		
PLC Interface	Ethernet		
Port #	102		
PLC Station #	2		
Rack	0		
CPU Slot	1		

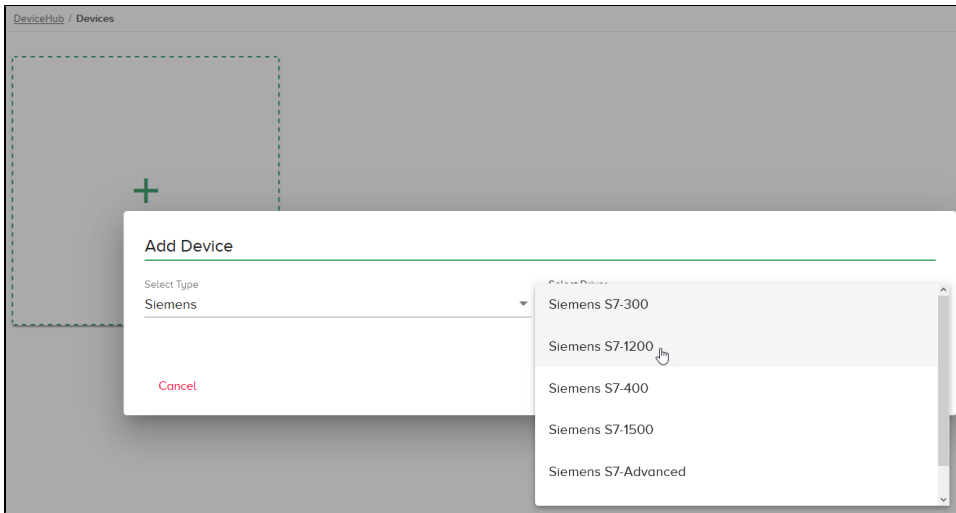
PLC Configuration

The steps shown here are for the Siemens S7-1200 Ethernet series.

LoopEdge DeviceHub Configuration

To configure DeviceHub for this Siemens S7-1200 Ethernet PLC:

1. **DeviceHub > Add Device**
Type: Siemens
Driver: Siemens S7-1200



2. Enter details specific to your environment and click **Add Device**.

Add Device

Select Type: **Siemens** Select Driver: **Siemens S7-1200**

Name: _____
This is a Device Name.

Description: **S7-1200 PLC**
This is a description of device.

Network Address: **192.168.01** Network Port: **102**
This is a IP Address of device. This is a network port of device.

Slot Number: **1**
This is a slot number of device.

 Cancel

Supported Device Types

S7-1200 Data Type	Data Format	Description
Bool	bit	
Byte	16-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	16-bit BCD, Hex, Binary, Signed	8-bit
USInt	16-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit

UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Char	16-bit BCD, Hex, Binary, Unsigned	USInt
CREF	Struct	
Date	16-bit BCD, Hex, Binary, Unsigned	UInt
DTL		
ErrorStruct		
IEC_COUNTER		
IEC_DCOUNTER		
IEC_SCOUNTER		
IEC_TIMER		
IEC_UCOUNTER		
IEC_UDCOUNTER		
IEC_USCOUNTER		
NREF		
Time	32-bit BCD, Hex, Binary, Unsigned	DWord
Time_Of_Day	32-bit BCD, Hex, Binary, Unsigned	DWord
Array		Bool, Byte, SINT, USInt, Word, Int, UInt, DWord, Dint, Real, UInt
Struct		Bool, Byte, SINT, USInt, Word, Int, UInt, DWord, Dint, Real, UInt

Device Addresses

Bit/Word	DeviceType	Format	Range	Description
B	PE	DDDD	0 ~ 40950	
W	PE	DDDD	0 ~ 4095	
B	PA	DDDDd	0 ~ 40950	
W	PA	DDDD	0 ~ 4095	
B	MK	DDDDd	0 ~ 40950	
W	MK	DDDD	0 ~ 4095	
B	DB	DDDDd	0 ~ 327670	
W	DB	DDDD	0 ~ 32767	