

# Keyence Nano Ethernet

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## Supported Series

Keyence Nano Ethernet series: KV-L20V, 700, 1000, 3000, 5000, 7500

Website: [www.keyence.com](http://www.keyence.com)

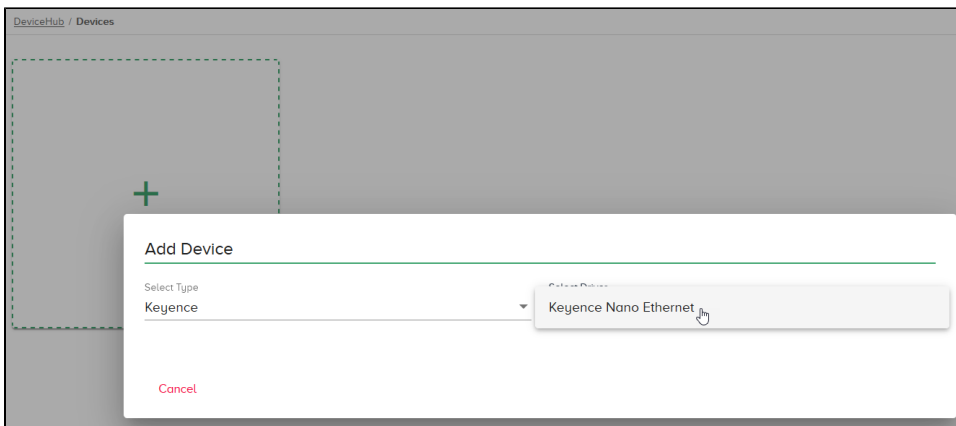
## PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Keyence Nano Series		
PLC Interface	Ethernet		
Port #	8501		
PLC Station #	0		

## LoopEdge DeviceHub Configuration

To configure DeviceHub for this Keyence Nano PLC:

1. **DeviceHub > Add Device**  
**Type:** Keyence  
**Driver:** Keyence Nano Ethernet



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

**Add Device**

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Select Type: **Keyence**      Select Driver: **Keyence Nano Ethernet**

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Name: \_\_\_\_\_  
This is a Device Name.

Description: **keyence device**  
This is a description of device.

Network Address: **192.168.01**      Network Port: **8501**  
This is a IP Address of device.      This is a network port of device.

   Cancel

## Device Addresses

Bit /Word	Device Type	Format	Range	Description
B	MR	DDDDdd	0 ~ 399915	Internal auxiliary relay
B	LR	DDDdd	0 ~ 99915	Latch relay
B	CR	DDDdd	0 ~ 99915	Control relay
B	RLY	DDDdd	0 ~ 99915	Relay
B	B	HHHh	0 ~ 32767	Link relay
B	T_Bit	DDDD	0 ~ 9999	Timer
B	C_Bit	DDDD	0 ~ 9999	Counter
B	DM_Bit	DDDDDdd	0 ~ 6553515	Data memory bit
B	TM_Bit	DDDDdd	0 ~ 999915	Temporary data memory bit
B	CM_Bit	DDDDDdd	0 ~ 6553515	Control memory bit
B	EM_Bit	DDDDDdd	0 ~ 6553515	Data memory
B	FM_Bit	DDDDDdd	0 ~ 6553515	File register bit
B	CTC_Bit	D	0 ~ 7	
B	ZF_Bit	DDDDDDdd	0 ~ 52428715	File register (SQ)
B	W_Bit	HHHHh	0 ~ 524287	Link register bit
B	VM_Bit	DDDDDdd	0 ~ 6553515	
B	VB_Bit	HHHHh	0 ~ 63999	
W	CTC	D	0 ~ 7	
W	CTH	D	0 ~ 3	
W	Z	DD	1 ~ 12	
W	TRM	D	0 ~ 7	
W	C_Preset	DDDD	0 ~ 9999	Counter preset
W	C_Curr	DDDD	0 ~ 9999	Counter current
W	T_Preset	DDDD	0 ~ 9999	Timer preset
W	T_Curr	DDDD	0 ~ 9999	Timer current
W	C	DDDD	0 ~ 9999	Counter

W	T	DDDD	0 ~ 9999	Timer
W	B_Word	HHH	0 ~ 2047	Link relay
W	RLY_Word	DDD	0 ~ 999	Relay
W	VB	HHH	0 ~ 3999	
W	ZF	DDDDDD	0 ~ 524287	File register (SQ)
W	CR_Word	DDD	0 ~ 999	Control relay
W	LR_Word	DDD	0 ~ 999	Latch relay
W	MR_Word	DDDD	0 ~ 3999	Internal auxiliary relay
W	FM	DDDDD	0 ~ 65535	File register
W	EM	DDDDD	0 ~ 65535	Data memory
W	CM	DDDDD	0 ~ 65535	Control memory
W	VM	DDDDD	0 ~ 65535	
W	W	HHHH	0 ~ 32767	Link register
W	TM	DDDD	0 ~ 9999	Temporary data memory
W	DM	DDDDD	0 ~ 65535	Data memory