



# PPI/MPI/PROFIBUS Interface to Ethernet.



ENDP-S7-PPI & ENDP-S7-MPI



# INTRODUCTION

ENDP-S7-PPI Ethernet communication of SIEMENS SIMATIC S7-200 PLC (contain two types :CN and imported) ;and according to the type of the X2 extended interface, it has two models: "Straight" and "Bridge".

ENDP-S7-MPI is used for the Ethernet communication of SIEMENS SIMATIC S7 PLC ( contain S7-200、S7-300、S7-400 ) ; It has only one model: "Straight".

## FEATURES & BENEFITS

- ✓ HAS POWERFUL COMMUNICATION FUNCTION
- ✓ ADDITIONAL SOFTWARE SUPPORT AND WIDE APPLICATION RANGE
- ✓ ALSO USED FOR ETHERNET COMMUNICATION OF SIEMENS SINUMERIK CNC SYSTEM
- ✓ ENDP-S7-PI SUPPORT TO COMMUNICATE WITH ALMOST ALL SCADA SOFTWARE
- ✓ CAN DIRECTLY MOUNTED ON COMMUNICATION PORT OF PLC

## SPECIFICATIONS

POWER SUPPLY:	24VDC $\pm$ 20%/100mA
OPERATING ENVIRONMENT:	0~60 ° , 90% Rh, Non-Condensing
INSTALLATION:	INSTALED DIRECTLY AT DB9 PORT OF PLC
DB9 PORT:	TIA/EIA RS-485 is compatible, ESD: $\pm$ 15KV, at most 32 notes
DB9 PROTOCOL:	MULTI MASTER PROTOCOL OF SIEMES S7 BUS, SUPPORTS PPI, MPI, PROFIBUS
BAUD RATE:	BPS: 9600、19200、45450、93750、187500、500K、1.5M
RJ45 Ethernet:	IEEE 802.3 is compatible,10/100M BT-1500Vrms with Link/Active indicator light, supports Auto-MDIX
ETHERNET PROTOCOL:	S7TCP, ModbusTCP, 24 connections of TCP/IP
RoHS PRODUCTION:	YES

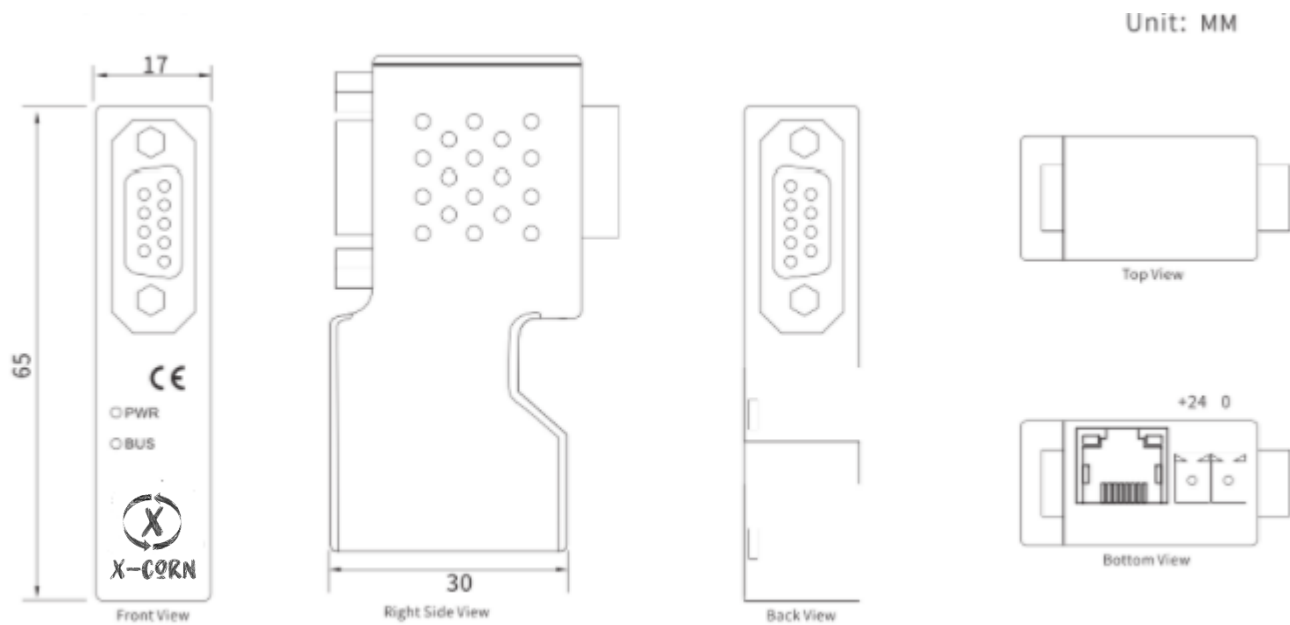
# SPECIFICATIONS

ANTIKNOCK:	4.5mm/30Hz/10Min
ESD:	6KV
AGING BEFORE FACTORY:	Running at 60 degrees of aging box 168 hours, the number of times having electricity or not is 500000000
COMMUNICATION STABILITY:	Communicating with the PLC constantly for a month , there is no error in The 130 million times of communication
Weight:	60G.
INTERFACE DRIVER FILES	NeT-S7PD
TESTING SOFTWARE	NetDevice

# TECHNICAL ADVANTAGES

- ✓ The perfect driver of “PG/PC” interface can be used for STEP7, Micro Win's programming and debugging.
- ✓ Supporting the program maintenance of equipment through the Internet.
- ✓ The electricity can be get from the communication port of PLC , without a power cut for the equipment, and it is plug-and-play.
- ✓ ENDP-S7-PI module can be used for multi master token S7 communication of Siemens.
- ✓ the multi-master device of Siemens can access the “straight” , such as CP5611 or Siemens’s touch screen etc.
- ✓ Non Siemens’s touch screen can access to the extension communication port of “The bridge”, it does not affect the original communication system, and increases a interface of Ethernet communication.
- ✓ Support one key Reset.
- ✓ Integrated with Modbus-TCP server, Modbus data area can be automatically or edited to map to register S7-200/300/400
- ✓ Installed on the PPI/MPI/PROFIBUS communication port of PLC, generally without external power supply.
- ✓ MPI to S7 Ethernet/Modbus-TCP converter

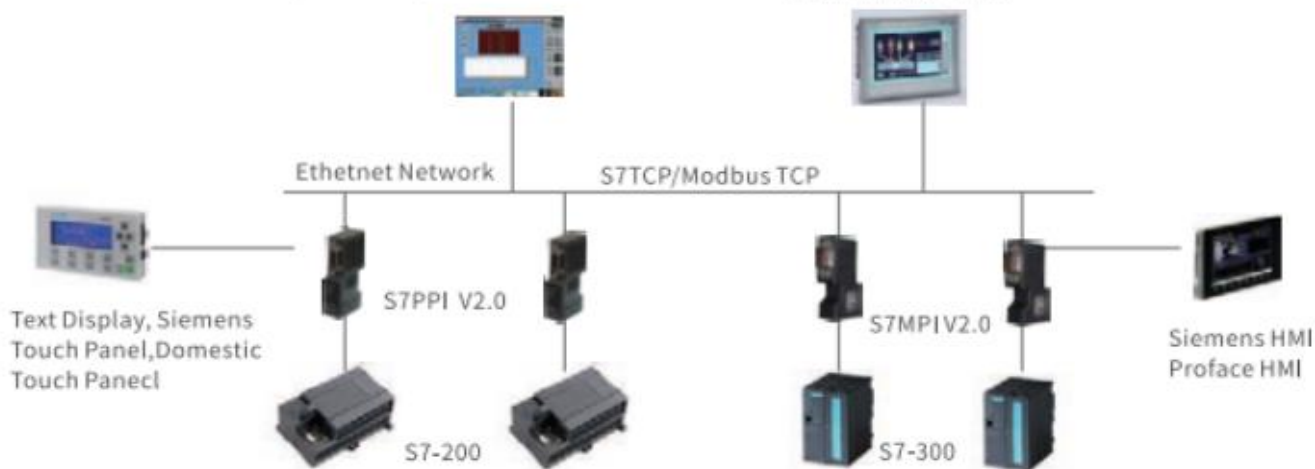
# DIMENSIONS



# APPLICATIONS

STEP7/MicroWIN/TIA Portal/WinCC  
MCGS/Forcecontroee/Faneview/LABVIEW  
KepWare OPC/BCNetS7 OPC

Touch Panel with Ethernet Port  
SMARTLINE/KTP/TP



# XEXAGON



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