CONTACT US!
1-800-249-1612
rtautomation.com

TCP/IP Socket Connection to Siemens S7 PLCs

FEATURES

- Support up to 10 TCP/IP devices

- Parse & concatenate ASCII/HEX data in up to 50 segments by delimiter or offset

- Supports connections to five Siemens S7 PLCs

- Up to 150 read and 150 write requests per connection

- Effortless Browser Based Configuration, no programming software is required

- Simple data translation allows you to manipulate data as it passes between protocols

- 5-Year Hardware Warranty

Map Your Siemens S7 PLC Data to a TCP/IP Socket

The 460TCPSC moves data between up to 10 Ethernet TCP/IP devices and up to five Siemens S7 PLCs.
Best of all, the product comes with 5-year warranty.

How Do I Use the 460TCPSC-N34 in My Application?

Incoming and outgoing ASCII data in TCP/IP packets are parsed into data segments and given a data type. Those values are them mapped to mating memory locations in your Siemens S7 PLC.
It really is that simple.

Why Use Real Time Automation as a Gateway Supplier?

While there are certainly other companies offering protocol gateways, there is no one who provides the level of support and service that you receive from RTA.

When you call, a live person answers the phone. When you talk with sales, you will get honest answers and recommendations. When you get support, it is from an engineer who had a hand in the product's development, and support doesn't require a ticket or 24-hour wait.

ASCII
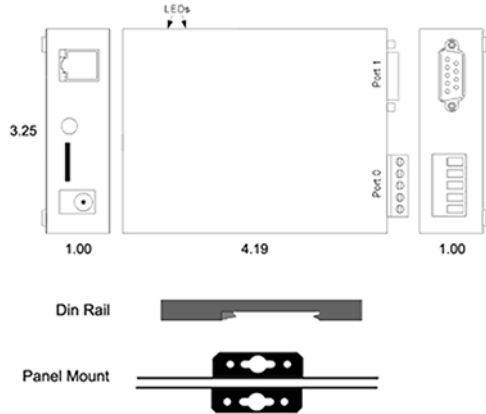Scanners, Printers, and ASCII Devices

460TCPSC-N34

S7
Server

A Solution, A Philosophy, the RTA Way. We understand the long hours spent on a factory floor and the pressure to keep a line running and product flowing. That's how Real Time Automation came to be. You want easy-to-use solutions where the hardest part is to open the box. You need customer support second to none. If you get all that and a fun customer experience all the better. Thirty years later, our mission remains the same: **To move your data where you need it, when you need it, and how you need it.**

ETHERNET TCP/IP FEATURES

Operation Mode	Client or Server
Maximum Number of Devices Supported	10
Maximum Number of Characters Transferred	1024
Delimiter Processing	Incoming delimiters can be automatically removed; Outgoing delimiters automatically added if configured
Parsing	Parse String of ASCII Data in up to 50 Segments by Delimiter or Offset
Concatenation	Concatenate up to 50 segments/strings of ASCII data with optional delimiter

Siemens S7 CLIENT FEATURES

PLC Support	S7 300/400/1200/1500
Maximum Number of PLCs Supported	5
Maximum Number of Inputs/Outputs per PLC	150
Maximum Number of Bytes per Scan Line	400
Memory Area Access	Input (I), Output (Q), and Data Block(DB)
Supported Data Types	8 Bit Int, 16 Bit Int, 32 Bit Int, 32 Bit Float, Bool and Char Array

INCLUDED WITH GATEWAY

3' power cable with flying leads	5-year hardware warranty
IPSetup software – automatically locates RTA gateway on the network	Unlimited firmware feature upgrades for life
CAT5 crossover cable for direct connection to PC during programming	Complete, unlimited access to our industry leading support staff
Manual	

ELECTRICAL / ENVIRONMENTAL

DC Input Voltage	8 VDC @ 230mA to 28 VDC @ 80 mA
Maximum Baud Rate	115K baud
Operating Temperature	-40 C to 85 C
Certification	RoHS-Compliant, UL, CUL, CE Approvals, Class I Div 2

ENCLOSURE / HARDWARE

Size	4.2" x 3.25" x 1"
Weight	7 oz
Enclosure Type	Anodized Aluminum
Mounting	Din rail or panel mount
LEDs	Ethernet link/data LED, Ethernet speed LED, power LED, & 2 general purpose LEDs on side

GATEWAY FEATURES & FUNCTIONS

Alarming	Set <, <=, >, >=, ==, !=, and change-of-state rules on any data moving through the gateway. If alarm rule is triggered an email notification can be sent.
Gateway Security	You can configure up to 9 different users access to diagnostic and configuration screens.
Translation Table	Allows for data manipulation during protocol translation. Scaling and other data format changes can occur in the gateway.
Status and Counters	Protocol specific status, counters, and error messages are accessible within the gateway's diagnostics page. They can also be delivered to a connected device.
Diagnostic Logging Page	Allows users to see and log start up sequences, protocol specific messages & error messages.

LEDs

Port 1

Port 0

3.25

1.00   4.19   1.00

Din Rail

Panel Mount

NOT EXACTLY WHAT YOU WERE LOOKING FOR?
Real Time Automation offers a full line of gateway products. Give us a call at 1-800-249-1612. Or, check out a listing at www.rtautomation.com/products. We also offer customizations for unique applications.

CATALOG #	DESCRIPTION
460TCPSC-N34	Connects up to 10 Ethernet TCP/IP devices with as many as five Siemens S7 PLCs

ALWAYS IN STOCK   READY TO SHIP   ENGINERD SUPPORT   5-YEAR WARRANTY   EMPLOYEE OWNED