How to link to Modbus ASCII Slave device?

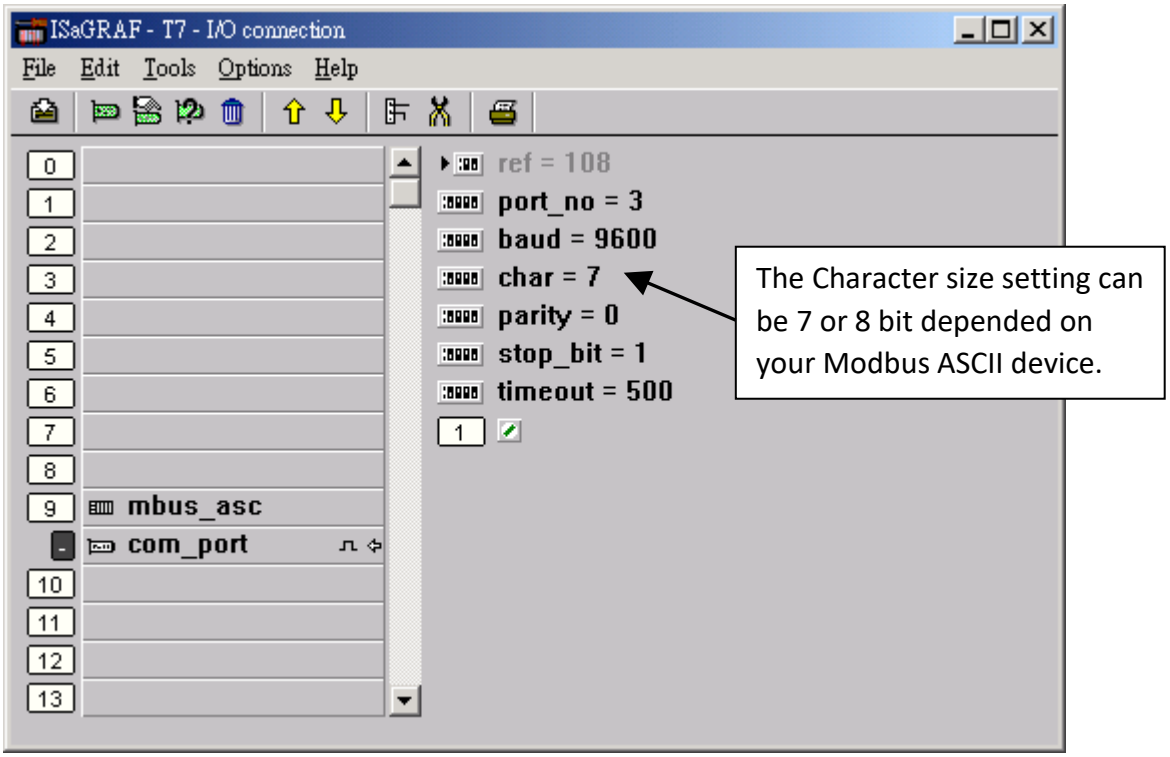
Click the link for more ISaGRAF FAQ.

I-7188EG + X607 or X608:	driver ver. 2.07 or later
I-7188XG + X607 or X608:	driver ver. 2.05 or later
I-8xx7+ S256 or S512:	driver ver. 3.08 or later
W-8x37:	driver ver. 3.20 or later

I-7188EG/XG & I-8417/8817/8437/8837 support only one Modbus Master port.
(It can be Modbus RTU Master or Modbus ASCII Master)

Wincon-8037/8337/8737/8036/8336/8736 support Multi-ports of Modbus Master.
(It can be Modbus RTU Master or Modbus ASCII Master), please refer to ISaGRAF FAQ-028.

To use Modbus ASCII Master, please connect “mbus_asc” in the IsaGRAF I/O connection windows as below. If you can not find “mbus_asc” in your ISaGRAF, please visit https://www.icpdas.com/en/download/show.php?num=368&nation=US&kind1=&model=&kw=isagraf to download “io_lib.zip”.

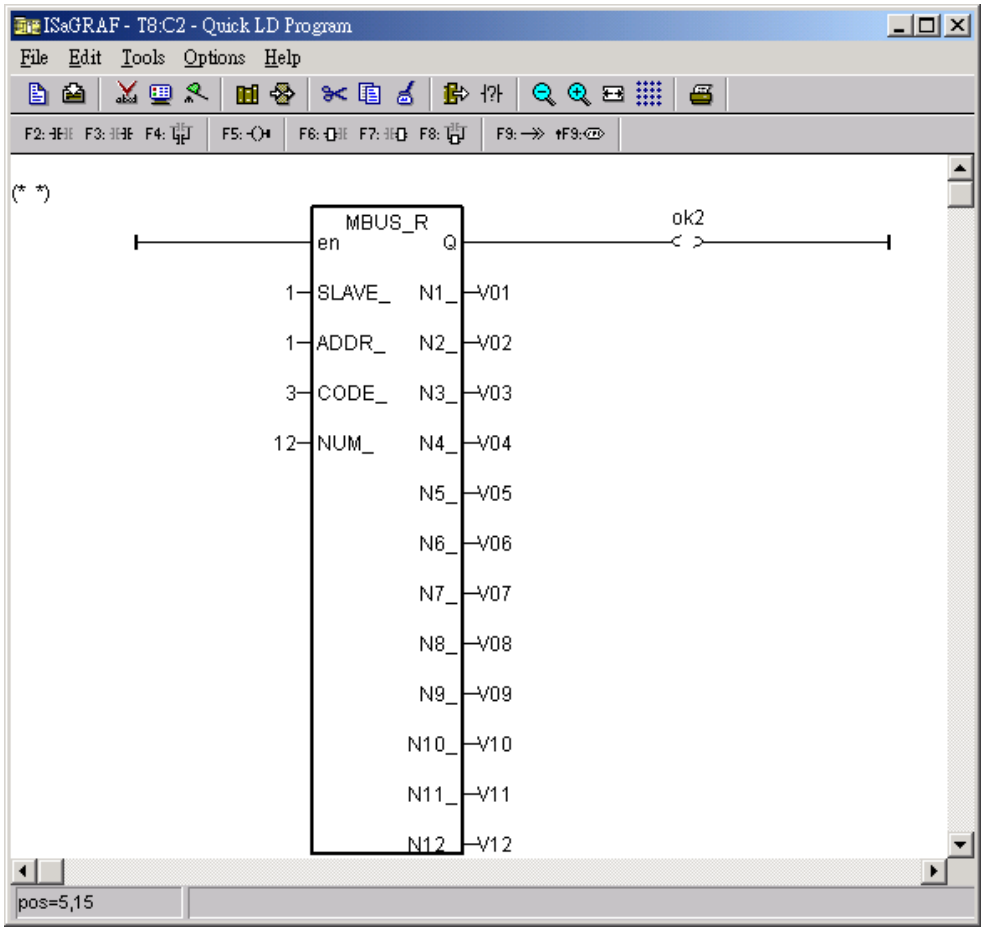


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Then using below function blocks in your ISaGRAF Ladder or Function block program.

Mbus_R	Read max. 12 word-value (-32768 ~ +32767) using Modbus function code 3 or 4 Read max.192 bit-value using Modbus function code 1 or 2
Mbus_R1	Same as Mbus_R but with one extra setting – Period. Read words or bits with a specified period time (unit is second)
Mbus_N_R	Read 8 word-value (-32768 ~ +32767) using Modbus function code 3
Mbus_NR1	Same as Mbus_N_R but with one extra setting – Period. Read 8 words with a specified period time (unit is second)
MBUS_B_R	Read 8 bit-value using Modbus function code 1
MBUS_BR1	Same as Mbus_B_R but with one extra setting – Period. Read 8 bits with a specified period time (unit is second)
MBUS_N_W	Write max. 4 word-value (-32768 ~ +32767) using Modbus function code 6 or 16
MBUS_B_W	Write max. 4 bit-value using Modbus function code 5 or 15
MBUS_WB	Write max. 16 bit-value using Modbus function code 15

For example:



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