Can I use ISaGRAF PAC (I-8417/8817/8437/8837, I-7188EG/XG) as a Modbus Master PAC to gather data from other Modbus devices?

Ans: Yes. These ISaGRAF PACs all support Modbus Slave & Master protocol. PC, HMI & touch monitor which support Modbus can talk to these PACs by connecting to their Modbus slave ports. At the same time, these PACs can also use up to two of their Modbus master ports to talk to other devices which support Modbus slave protocol.

<table>
<tr><th></th><th>I-8417/8817</th><th>I-8437/8837</th><th>I-7188EG</th><th>I-7188XG</th></tr>
<tr><td>COM1</td><td colspan="3">(RS232)
1. Modbus slave
2. Modbus master</td><td>(RS232 or RS485)
Modbus slave</td></tr>
<tr><td>COM2</td><td>(RS485)
Modbus slave</td><td>N/A</td><td colspan="2">(RS485)
1. Modbus master protocol
2. I-7000 & I-87K remote I/O protocol
User-defined or 3rd party protocol</td></tr>
<tr><td>Ethernet</td><td>N/A</td><td>1. Modbus slave (TCP/IP)
2. Ebus</td><td>1. Modbus slave (TCP/IP)
2. Ebus</td><td>N/A</td></tr>
<tr><td>COM3</td><td colspan="2">1. Modbus master (RS232 or RS485)
2. Fbus (RS485)
3. I-7000 & I-87K remote I/O protocol (RS485)
4. User-defined or 3rd party protocol (RS232 or RS485)</td><td colspan="2" rowspan="2">(Need extra X503 to X514)

User-defined or 3rd party protocol (RS232 or RS485)</td></tr>
<tr><td>COM4</td><td colspan="2">(RS232)
1. Modbus master
2. I-7000 & I-87K remote I/O protocol
3. User-defined or 3rd party protocol
4. Modem-Link</td></tr>
<tr><td>COM5 to COM8</td><td colspan="2" rowspan="2">(Need extra I-8112/8114 or I-8142/8144)
User-defined or 3rd party protocol
(RS232 or RS485)</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>COM9 to COM20</td></tr>
<tr><td></td><td colspan="2"></td><td colspan="2">N/A</td></tr>
</table>

Note: Sometimes Modbus slave protocol for serial port is also named as “Modbus RTU” or “Modbus serial”.

Click the link for more ISaGRAF FAQ:
http://www.icpdas.com/en/faq/index.php?kind=280#751

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