

# TCP/IP converter

## SUMMARY

This "TCP/IP converter" is a gadget to connect devices, which has a RS-232C interface, with Ethernet.

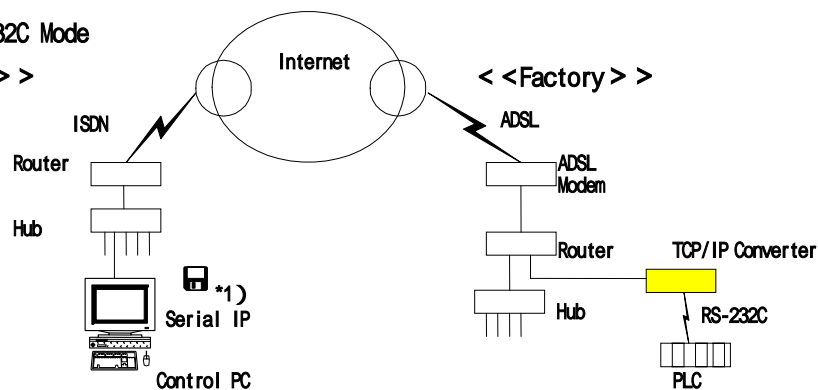
## STRUCTURE

1. The TCP/IP Converter allows any of the existing RS-232C ports on the equipments to interface directly to other networking ports.
2. You can opt between two modes, one is the Remote RS-232C Mode and the other is Sever / Client mode. Please refer to the Figure below for more details.
3. **In Remote RS-232C mode**, this converter has a relation with a virtual COMM port in the Control PC, which is created by the Serial IP software \*1). Also you can communicate with PLC, without using the Serial IP software. In the latter case, you will need to run new programs for socket communication.
4. **In Sever / Client mode**, two converters are assigned to a Sever or a Client. When you turn on the switch, the Client starts searching for the designated server and then establishes a connection between them. After setting up this connection, you can do interactive communication by using the RS-232C protocol.
5. We implement the above functions under the protocol of both LAN and WAN networks.

## FIGURE

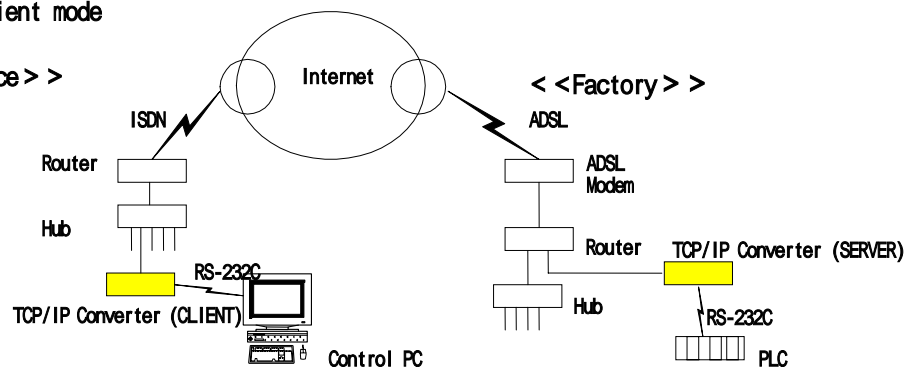
### 1 . Remote RS-232C Mode

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### 2 . Sever / Client mode

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\*1) Serial IP is registered by Tactical Software



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