



## VIPA Communication processor CP 443 for S7-400 from Siemens

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### CP 443

The communication processor CP 443 is a powerful network connection for efficient exchange of data between automation systems, PLC and HMI as well as between a number of automation systems.

This intelligent module has a mini hub to enable the direct connection of several systems.

Local diagnostics and commissioning for more complex applications are eased greatly by the integrated interface for keyboard, mouse and monitor (digital/analog).

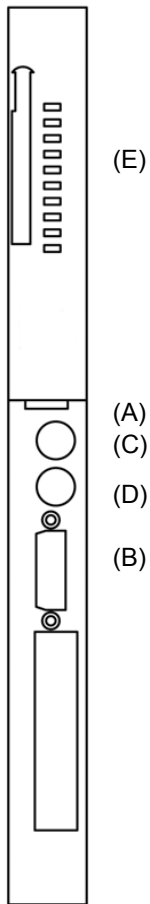
### Features

The communication processor CP 443 has the following distinguishing features:

- Solid design / metal casing
- Mini hub 4 x RJ45 (10/100MBit/s)
- 2x Mini DIN and 1x DVI interface for direct access
- COM interface for setting parameters
- Supported protocols:  
UDP, TCP, ISO on TCP (RFC1006)
- Reduced bus load by event controlled communication (IPC)
- PG functionality for teleservice and diagnostics of PLC-CPU via TCP/IP and coupling to visualisation systems
- Comfortable commissioning with VIPA WinNCS (included)
- Security function via configurable access, individual for CP and CPU
- Fast communication via additional parallel communication interface



**Front view:**



Technical Data	CP 443
<b>Transfer rate</b>	10/100MBit/s
<b>Interfaces</b> Parameterization Monitor Keyboard Mouse Operating status	COM interface / RS232 (A) DVI interface (B) 1xmini DIN (C) 1xmini DIN (D) LED indication (E)
<b>Ethernet/TCP/IP</b>	4port RJ45 mini HUB
<b>Electrical data</b> Supply voltage Current input of DC 5V Dissipation power	DC 5V via backplane bus  typical 2A 7W
<b>Operating conditions</b> Operating temperature Storage temperature Relative humidity Protection class	0 ... 60°C -40 ... 70°C max. 95% (without condensation) IP 20
<b>Dimensions and Weight</b> Enclosure Width x Height x Length Weight	single width for S7-400 from Siemens 25 x 290 x 210mm approx. 750 g
<b>Order data</b>	VIPA 443-1VX00
<b>Accessories</b> Parameterization SW (included in consignment) Manual CP 443	VIPA SW880  VIPA HB102E

**Schematic diagram:**

