

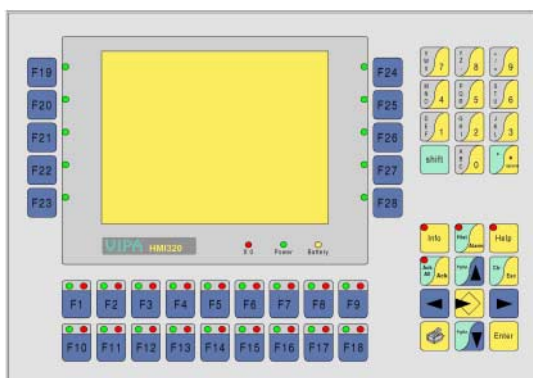
# VIPA System 200V - Universal HMI - Graphic

## VIPA HMI 320

VIPA HMI 320 terminals are high-grade powerful graphic terminals.

Designed for use with the VIPA System 200V and other automation concepts, these terminals combine a high measure of operating convenience and functionality.

System and process parameters are set via the 16-color LCD graphic. The device can easily be integrated into project planning using the accompanying parameter tool.

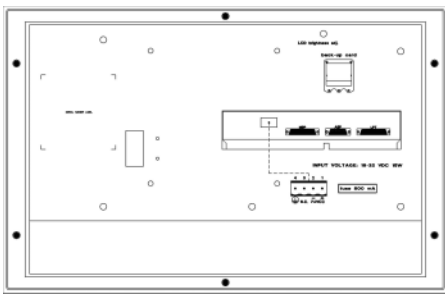


## Features

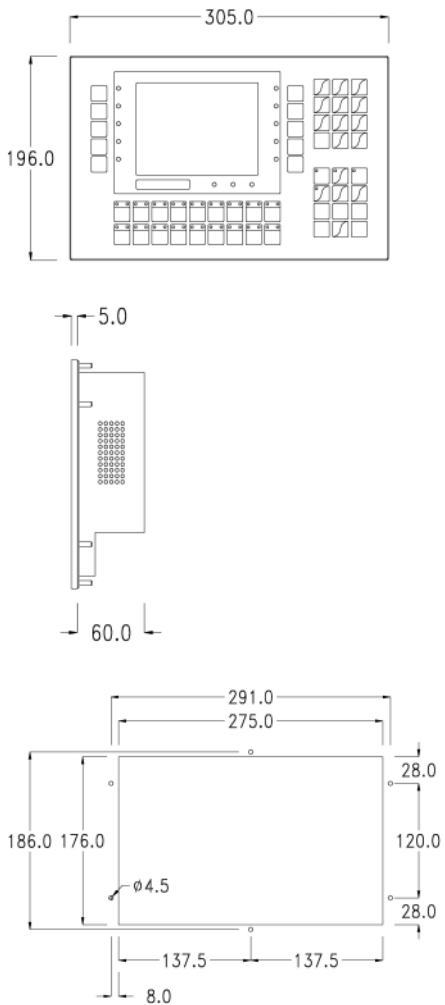
VIPA HMI 320 terminals are distinguished by the following features:

- Background-illuminated graphic – LC display (16 colors)
- User-definable function keys
- Serial interfaces
- LPT interfaces
- Profibus connections up to 12 Mbit/s
- Project, ratios and firmware memory 4 MB
- Windows 95 / 98 / NT project planning software
- Projection type IP 65 (Front)

**Rear panel view:**



**Dimensions:**



<b>Enclosure</b> Aluminum, plastic, stainless steel	on request
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<b>Technical Data</b>	
	<b>HMI 320</b>
<b>Display</b> Type / background illumination Operational life (hours) Resolution Lines x characters Size of view / character size Character size in text mode Contrast setting Character fonts	graphic, 16 colors STN / CCFL 15000 h 320 x 240 dots (5.7") 16 x 40 / 8 x 20 / 4 x 10 115.6 x 87 mm / 2.8 x 5.2 mm 8 x15 / 16 x 30 / 32 x 60 dots software programmable fonts
<b>Keyboard</b> System/function/alphanum. keys	13 / 28 / 11
<b>Hardware -clock</b>	with buffer battery
<b>Network</b> Optional(*) Integrated	Profibus DP Network server, network client
<b>Features</b> Multilingual Texts Password level / bit password Variables each page Variables format Dynamic texts Info / help messages / pages Alarm buffer Ratios (number / variables) Trends [memory / Nr.] Register Type of representation Type of operation	8 languages 10 / 8 bit 64 DEC, HEX, BIN, BCD, ASCII, F.P. dep. on size of project memory 1024 / 1024 / 1024 256 2048 / 256 512/value dep. on trend-memory size. max. 320 broken line / points real time / trigger / register
<b>Interfaces</b> Serial port MSP (25 pin female) Serial port ASP (15 pin female) Parallel port LPT	RS232/422/485/TTY-20 mA RS232/RS485 Centronics
<b>User memory</b> Project Data memory Backup-memory card	192 Kbyte+ 832 Kbyte (text+graphic) 128 Kbytes (with buffer battery) 4 Mbytes
<b>Electrical data</b> Supply voltage Power input (24 Vdc)	24 Vdc (18 ... 32 Vdc) 15 W
<b>Operating conditions</b> Protection type Operating temperature Transport / storage temperature Humidity (non-condensing) Mark of conformity and approvals	IP65 (front) 0 ... 50 °C -20 ... + 60 °C < 90 % CE
<b>Dimensions and weight</b> Width x height x length Installation dimensions Weight	305 x 196 x 60 mm 275 x 176 mm 2 kg
<b>Ordering information</b> HMI 320 – graphik <b>Accessories</b> HMI - BUTTONCELL HMI - PROFIDP HMI - Programming tool HMI - set	VIPA HMI320  on reques on reques VIPA HMIWIN VIPA HMIWINSET

(\*): available with external PROFIBUS DP card.