

HMi VU Operator Interfaces



HMi VU Series of Operator Interfaces

Seamless Interface Solution

Meeting your needs means creating products that interface seamlessly. Eaton offers you a complete line of motor control and logic devices including everything from sophisticated drives and power control to pushbuttons, terminal blocks, and operator interfaces – all the latest in technology. Everything comes together to give you products and services that are the ideal fit for any OEM application.

Your HMi: change the way you interface

Positioned between the ELC graphics panels and the XV series of operator interfaces, the Eaton **HMi** is the workhorse of the industry. The units feature touchscreens ranging in size and color to suit all environments and applications.

The HMi VU series provides OEM's the latest technology and advanced feature set in an economical package.



HMi Features

- Ethernet and serial communication drivers
- Up to four simultaneous protocols
- Screen manager
- Over 70 on-screen objects to select from
- Pop-up screens & animated graphics
- Conditional visibility
- Built-in picture library or create your own picture library
- Multi-language
- Eight levels of security
- Macro editing with math & logic functions
- CSV Import/export tags & recipes
- Alarm/event recording and viewing
- Store archived data, alarms, and events to USB
- Real-time and historical trending
- Auto-scale application from 6" to 10"
- On and off-line simulation
- Upload/download applications over USB, serial, or Ethernet
- Application lock for IP protection
- Screen and backlight saver

Exclusive HMiVU series Features

- Multi-Link Feature shares PLC data over Ethernet
- VU Remote allows monitoring and control from a remote PC over Ethernet
- VU Server gathers and stores data from the Microsoft Excel or ODBC databases such as Access, MySQL, and Oracle
- Serial port allows downloading ELC program from a USB memory device
- Support for USB mouse, keyboard, barcode scanner, and printers
- Curve input allows multiple registers to be placed on a graph, without using history
- New display values such as: time and date, battery voltage, IP address, and X-Y location of touch screen activation
- Seamless migration of V1.X applications for all existing **HMi** 4" to 10" models

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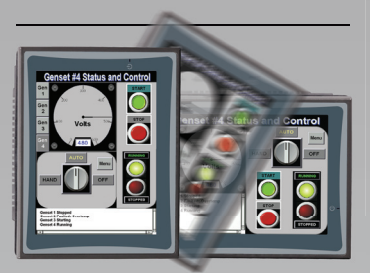
Hardware Highlights

USB ports for data storage on all units; SD storage available on 7, 8 and 10 inch units

All units offer RS-232, RS-485 and RS-422 communications

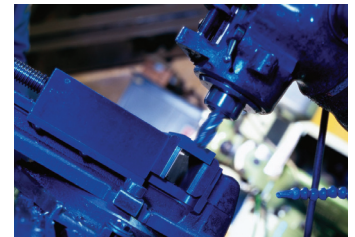
The 7, 8 and 10 inch units include an Ethernet port and audio output

Portrait and Landscape Viewing



HMIVU Operator Interface Specifications

	HMIVU06CUNB	HMIVU07CUNBE	HMIVU08CUNBE	HMIVU10WCUNBE
LCD Module				
Display Type (65536 colors)	5.6" TFT LCD	7" TFT LCD	8" TFT LCD	10.1" Widescreen TFT LCD
Resolution	320 x 240 pixels	800 x 600 pixels	800 x 600 pixels	1024 x 600 pixels
Brightness NIT Rating	200 dc/m ²	200 dc/m ²	250 dc/m ²	200 dc/m ²
Display Size	113.28 x 84.70mm	141 x 105.75mm	162 x 121.5mm	226 x 128.7mm
NOR Flash ROM	Flash ROM 8 MB (OS System: 2 MB/ User Application: 6 MB)	Flash ROM 128 MB (OS System: 30 MB / Backup: 16 MB / User Application: 82 MB)		
SDRAM	16 MB	64 MB	64 MB	64 MB
Backup Memory	128 KB	16 MB	16 MB	16 MB
Sound Effect Output				
Buzzer	Multi-Tone Frequency (2K ~ 4K Hz) / 85dB			
AUX	N/A	Stereo output		
Ethernet Interface	N/A	10/100 Mbps auto-sensing		
Memory Card	N/A	SD Card (supports SDHC)		
USB	1 USB Host Ver 1.1 1 USB Client Ver 1.1	1 USB Host Ver 2.0 / 1 USB Client Ver 1.1		
Operation Temp.	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Dimensions (W) x (H) x (D) mm	184 x 144 x 50	184 x 144 x 50	227.1 x 174.1 x 61	272 x 200 x 61
Panel Cutout (W) x (H) mm	172.4 x 132.4	172.4 x 132.4	219.4 x 166.5	261.3 x 189.3



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