

PowerView4 – HMI Module

Ignition and Knock Control Visualization

MOTORTECH presents its latest development for the data visualization of their ignition and knock controllers. The compact PowerView4 HMI module, which impresses with modern improved hardware and additional functionality directly replaces the PowerView3 HMI module.

The 7" multi-touch display supports the complete visualization of important operating data, as well as the adjustment of individual parameters. Fault diagnosis can be carried out conveniently by the operating personnel in the field, without the additional use of a laptop.

The touchscreen enables intuitive navigation through the various menus and display elements. The most important operating data can be easily recorded on the supplied SDHC memory card and transferred to a computer via USB mass storage for evaluation purposes. The visualization functions are factory activated on all devices.

General Features:

- Visualization of ignition (MIC100, MIC3, MIC3+, MIC4, MIC5) and knock control (DetCon2, DetCon16, DetCon20) via CAN bus
- Intended for installation in a control panel door
- Allows the runtime adjustment of individual device parameters
- Various display settings (languages, date, display calibration, etc.)
- Access control
- Day and night mode



ORDERING INFORMATION:		
P/N	Description	Supersedes
06.05.150	PowerView4 HMI module incl. - Factory activation of ignition and knock control visualization - Harnesses for power supply and CAN connection (15 m / 50 ft each) - SDHC memory card, 16 GB, pre-installed - USB stick with MOTORTECH Trend Viewer visualization software and operating manuals.	06.05.085

TECHNICAL DATA:		
Display	Screen diagonal	178 mm (7")
	Touch technology	Projected capacitive multi touch
	Colour depth	18 bit (262.144 colors)
	Resolution	800 x 480 pixels
	Brightness	400 cd/m ² typical
Communication	CAN-Bus	2x CAN (ISO/DIS 11898)
Memory	SD card slot	4 bit MMC/SD/SDHC
	RAM standard	512 MB 32 bit DDR3L
	eMMC flash	4 GB MLC eMMC
Power Supply	Supply voltage	Nominal voltage: 24 V DC
	Power consumption	5.3 W typical
Housing	Front	3.0 mm toughened glass
	Frame	Fine zinc alloy, matt chrome
	Rear	1.4016 stainless steel
	Protection class	IP66 (front), IP20 (rear)
Device Dimensions	Width	206.9 mm (8.15 inch)
	Height	126.2 mm (4.97 inch)
	Depth	35.6 mm (1.40 inch)
	Weight	861 g (1.90 lbs)
Climatic Environmental Conditions	Operation	0 °C to +50 °C (32 °F to +122 °F)
	Storage	-20 °C to +70 °C (-4 °F to +158 °F)
	Humidity	5% to 90% without condensation