

EAGLE HMI

7" HMI Color touch display

For modern pumping stations, access to important data must be easy and clear. With our many years of experience, we have gathered all the inputs and designed an easy and clear HMI color touch display. If you want pump control with color touch display, then your solution is here.

HMI display is made in 7" widescreen with high resolution and with good effect of backlight. This ensures that the HMI display can always be used regardless of weather conditions.

HMI display is compatible with ACOWA SPIDER but can also be used with Siemens PLC or other makes of pump control with Modbus. HMI display can be designed individually for waterworks applications or by bassin control at the same time as pumping station. If standard setup is desired, the HMI is supplied with a pre-programmed standard screen for the pump station. All you have to do is use the standard SPIDER HMI interface kit which is easily connected to another device.

HMI characteristics:

- Easy-to-use user interface (home screen)
- Operate all pumps.
- Alarm list
- Curve display of several simultaneous analog signals
- Access to operating data for pumps
- Easy access to change setup parameters
- Easy access to scaling pressure transmitters

Applications

• SPIDER Pump control
• Siemens PLC
• Allen-Bradley PLC
• ABB PLC
• As well as other standard pump controls.



Products

Item number	Description
ACOWA-EAGLE-II-7-E	HMI 7" Touch Farve Display with Ethernet connector.
1772-2102164	Serial interface to Spider external HMI display. Incl. 1.5m cable set
HDR-15-24	Power Supply, 230V AC / 24V DC.

Datasheet

Teknisk data

Dimensions	W=204mm x H=150mm x D=34mm
Weight	500g
Cutout size	192mm x 138mm
Enclosure class	IP20
Power supply	12V DC - 28V DC
Consumption	3,8W
Insulation resistance	Greater than 50MΩ@ 500V DC
Allowable loss of power	< 3ms
Certificates	CE

Environment

humidity	10% - 90% non-condensing air
Working temperature	-20°C to +50°C
Storage temperature	-20°C to +60°C
Cooling mode	Natural air cooling

Screen and performance

Display size	7" TFT
Resolution	800x480px
Display color	16.77M true color
Contrast	500:1
Backlight	LED
Luminance	250cd/m ²
LCD life	More than 30.000 hours
CPU	ARM RISC 32Bit 800 MHz
Memory	128MB NAND flash + 128MB DDR3 RAM
RTC	Built-in
External storage	1xUSB Host
Printer port	USB Host/Serial port
Ethernet	10/100M adaptable Ethernet interface
Communication	COM0: RS232/RS485/RS422. COM1:RS485.COM2: RS232