

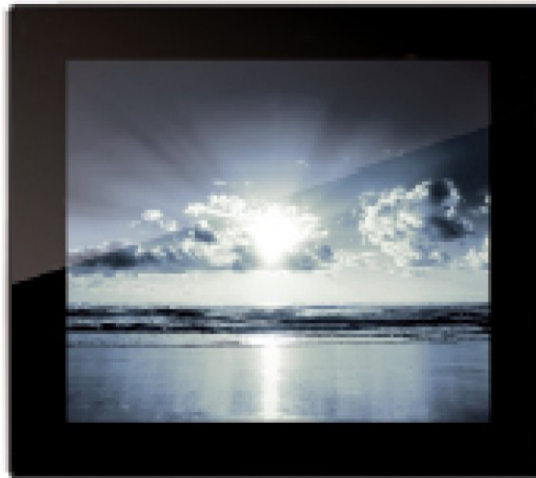
GENIUS4P

NAVIOP offers a wide range of products that can be used stand-alone, to make limited checks or to show small size boats' data, or that can be included within wider configurations for complete control and monitoring systems.

Please contact our official dealer for your Country to choose the most suitable configuration for your project.

Official Dealer:
NAVIOP S.r.l.
via Ferrante Foschi, 55
47121 Forlì (FC) – Italy
Ph. +39 0543 774229
Mob. +39 335 7483676
service@naviop.com
www.naviop.com

GENIUS 4P display



The compact GENIUS 4P operating panel is the smallest one of the GENIUS Series and represents a no-compromise low-cost product. The built-in dual 100Mb Ethernet interfaces with switch function enhance its communication capability and make it the ideal choice for small systems.

The GENIUS 4P features a 4.3" TFT widescreen (16:9) display with LED backlight and full vector graphic capabilities. This new polycarbonate touch display has been designed specifically for harsh environments.

More than 150 communication drivers and multilanguage applications management.

Vector graphics capabilities with native support of SVG graphic objects and transparency management.

Remote monitoring and control. Client-Server functionality.

Optional plug-in modules for fieldbus systems, networks I/O and controllers. Wide dimming to 0% supported

Alarms and alarm history list. Alarm and alarm history can be printed or transferred to an host computer.

Available features:

- 4.3" TFT colour display
- 480 x 272 pixel resolution, 64K colours
- Resistive touch screen
- 2 x Ethernet interface with switch function
- 1 x USB Host port
- Multistandard Serial port
- Connection to bus systems using optional plug-in modules
- Slim design.

GENIUS4P

NAVIOP offers a wide range of products that can be used stand-alone, to make limited checks or to show small size boats' data, or that can be included within wider configurations for complete control and monitoring systems.

Please contact our official dealer for your Country to choose the most suitable configuration for your project.

Official Dealer:
NAVIOP S.r.l.
via Ferrante Foschi, 55
47121 Forlì (FC) – Italy
Ph. +39 0543 774229
Mob. +39 335 7483676
service@naviop.com
www.naviop.com

GENIUS 4P display

Display

Type:	TFT
Resolution:	480 x 270 pixel
Active display area:	4.3" diagonal
Colors:	64K
Backlight:	White LED
Brightness:	150 cd/mq typ.
Dimming:	Yes

Memory

User Memory:	128 MB flash
Memory Card:	SD Card Slot
RAM:	256MB DDR

Front panel

Touch screen:	Analog resistive
---------------	------------------

Interfaces

Ethernet port:	2 10/100 Mbit with integrated switch
USB port:	1 Host interface v 2.0
Serial port 1:	RS-232/422/485 software configurable
Expansion slot:	1 Plugin slot Expansion

Functionality

Vector graphics:	Yes, includes SVG support
Multilanguage:	Yes, with runtime language switching
Multiple driver communication:	Yes
Data acquisition and trends:	Yes, Flash memory storage limited only by available memory
Recipe memory:	Yes, Flash memory storage limited only by available memory
Users and passwords:	Yes
Alarms:	Yes
Event List:	Yes
Hardware RTC:	Yes, with battery back-up
Screen saver:	Yes
Buzzer:	Yes, audible feedback for touchscreen

Ratings

Power supply voltage:	24 Vdc (9 ÷ 32 Vdc)
Current consumption:	0.4A a 24 Vdc (max)
Fuses Number:	Automatic
Battery:	Rechargeable Lithium battery, not user-replaceable

Environmental conditions

Operational temperature:	0 ÷ +50 °C
Storage temperature:	-20 ÷ +70 °C
Operative and storage humidity (RH%):	5 ÷ 85% relative humidity, non-condensing
Protection class:	IP66 (front), IP20 (rear)

Dimensions

Faceplate:	147 x 107 mm
Cutout:	136 x 96 mm
Mounting depth:	56 + 4 mm
Weight:	Approx. 1 Kg

Approvals

CE:	Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments
DNV:	DNV Type approval Certificate