Operator Interface EAGLE – Series 300

The EAGLE operator interfaces have been designed for the visualization of medium-sized automation tasks, machine-level control and operations, and for tank farm applications. Pre-configured with a proprietary closed operating system, the 10" and 15" touchscreen displays are ready to run in hazardous areas, Zone 1, 2, 21, 22. Integrated in the EAGLE system is the visualization software SPSPlusWIN runtime, and our SPSPlusWIN software offers fast and cost-effective project engineering.

All series 300 operator interfaces can be used for remote access to networks and web servers, thus providing comprehensive information on site.

- Multi-lingual operator interfaces with proprietary operating system "ready-to-run"
- Rugged design for temperatures ranging from -40°C up to +55°C
- 15" EAGLE optional with innovative sunlight-readable display
- Cost-effective SPSPlusWIN software
- Excel import/export function and recipe management
- Remote access to network and web server
- Modern Ethernet protocols: Profinet, Ethernet IP, Modbus TCP, as well as serial protocols and Profibus / MPI

Functional principle

SAFE AREA   ZONE 1/2 /21/22

Ethernet / Profibus
Serial / MPI / Modbus

PLC

Ambient Temperature Range
Operation: -20°C up to +55°C
Operation with heater: -40°C

+55°C
-40°C

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Explosion Protection Certificates

ATEX, IECEx, GOST-R, UL, INMETRO, CSA, KGS, CKT, DNV, LR	⟨Ex⟩

Technical Data – Overview

Design	Front panel mounting
Display	TFT color display, > 16.7 mio. colors Brightness 250 / 300 / 350 cd/m² (depending on product type) Contrast 1000:1 Resisitve touch screen optional or as standard (depending on product type) Sunlight-readable 15" displays with polarization filter (1000 cd/m²)
Backlight	LED technology Service life up to 50,000 h (depending on product type)
Function keys at display	Up to 12 function keys
External keyboard	external keyboard 105 / 107 keys with trackball / joystick / mouse / touch pad
Operating system / Firmware	RT Target SPSPlusWIN software for easy, cost-effective engineering
Interfaces	1 x Ethernet 10/100BaseTx / optical fibre 100BaseFx, 100 Mbit 4 x USB 2 x PS/2 (keyboard) 1 x RS-232 / RS-422 / RS-485 1 x Audio line out	Optional interfaces: 1 x RSi 1 x serial interface WLAN via USB
Ingress Protection (front)	IP66
Voltage	24 VDC

Accessories & Options (further accessoires and information on our homepage)

Ex i Barcode Scanner　　**Ex i Mifare Card Reader**　　**Backup/Recovery Stick**　　**SPSPlusWIN**
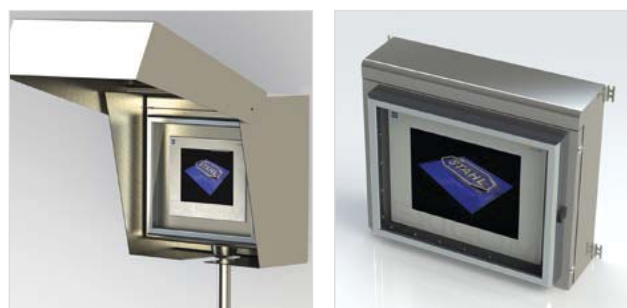project engineering
software

Screen sizes

ET Zone 1 / 21	 10" ET-306	 10" ET-316	 15" ET-336
MT Zone 2 / 22	 10" MT-306	 10" MT-316	 15" MT-336

The 10" / 15" EAGLE operator terminals are designed as panel-mount modules and allow for easy installation into various machines and enclosures. Models vary depending on the hazardous area, Zone 1, 21, or Zone 2, 22, by display size, and by the number of function keys.
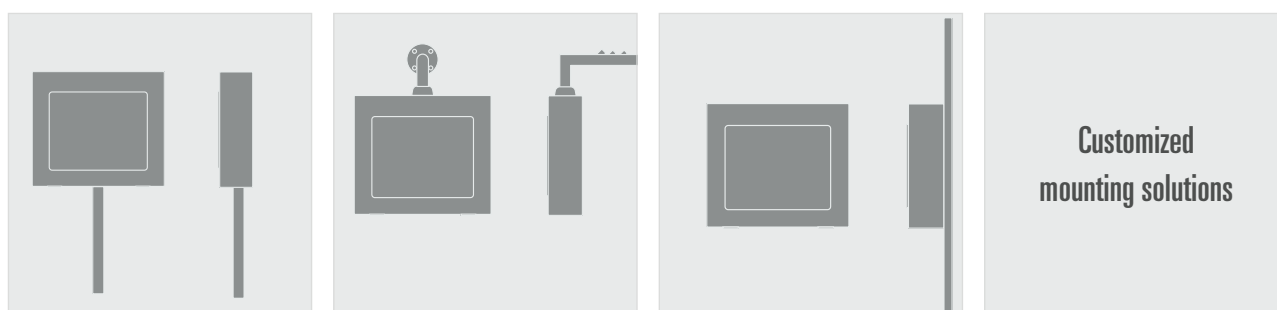
Standard panel mount module

Customized enclosures

Mounting options

Customized mounting solutions

Various enclosures and mounting options ensure optimum placement of the displays at the site. We also custom design solutions to suit specific customer requirements.

Representante oficial de:

[Argentina – Uruguay – Paraguay – Bolivia – Ecuador.]