

Thin Client Systems – Series 500



If flexible access options, central data administration and data security are the key requirements, modern Thin Client operating stations are the ideal solution. ERP / MES networks can be accessed from each Thin Client via the IP address, and users have the greatest possible access to data on-site in the hazardous area. It is possible via RDP / VNC to access every virtual machine or every PC.

- Affordable hardware and central data and security management
- RDP, VNC and NetC@P possible, as well as LAN, WLAN and Internet
- Access from one operating station to one / multiple PCs
- REMOTE HMI FIRMWARE to protect the system and ensure a permanent data connection



All Thin Clients are fitted with our REMOTE HMI FIRMWARE that protects the system against external manipulations, guarantees a fault-free, permanent connection, and allows fast and easy configuration.

Functional principle



Thin Client Systems – Series 500

Explosion Protection Certificates

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



Technical Data - Overview

Design	Front panel mounting	
Display	TFT color display, > 16.7 mio. colors Brightness 250 / 300 / 350 cd/m ² (depending on product type) Contrast 1000:1 Resistive touch screen optional or as standard (depending on product type) Sunlight-readable 15" displays with polarization filter (1000 cd/m ²)	
Backlight	LED technology Service life up to 70,000 h (depending on product type)	
Function keys at display	Up to 8 function keys	
External keyboard	External keyboard 105 / 107 keys with trackball / joystick / mouse / touch pad	
Operating system / Firmware	R. STAHL REMOTE HMI FIRMWARE – based on Windows Embedded Standard 2008 as closed Thin Client system to protect the network communication	
Interfaces	1 x Ethernet 10/100BaseTx / optical fibre 100BaseFx, 100 Mbit 3 / 4 x USB 2 x PS/2 or 2 x USB (keyboard, pointer instrument) 1 x RS-232 / RS-422 / RS-485 1 x Audio line out	Optional interfaces: 1 x interface for barcode scanner / card reader 1 x serial interface WLAN via USB
Ingress Protection (front)	IP66	
Voltage	24 VDC / 100-240 VAC	

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



Ex i Barcode Scanner



Ex i Mifare Card Reader



Backup/Recovery Stick



RealVNC Software



Screen sizes

ET Zone 1 / 21	15" 1024 x 768	19" 1280 x 1024	22" 1680 x 1050	24" 1920 x 1080	24" WU 1920 x 1200
MT Zone 2 / 22	15" 1024 x 768	19" 1280 x 1024	22" 1680 x 1050	24" 1920 x 1080	24" WU 1920 x 1200
IT Non-Ex			22" 1680 x 1050	24" 1920 x 1080	24" WU 1920 x 1200

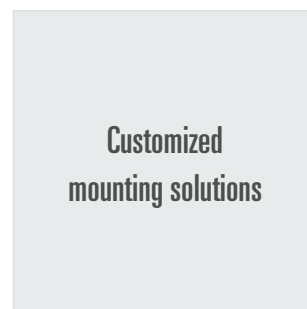
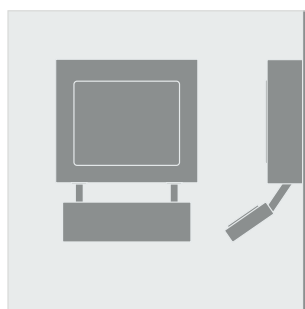
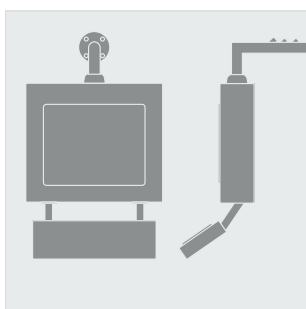
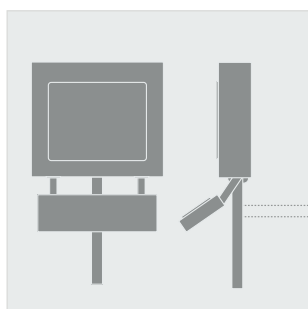
In order to meet the display standards for process control systems and control software to networks, our Thin Client portfolio ranges from 15" displays up to 24" WU displays – suitable for use in hazardous areas, Zone 1, 2, 21, 22, and non-hazardous production environments.

Standard enclosures FR / CFR



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.]



Calle 49 N° 5764 - Villa Ballester (B1653AOX) - Prov. de Buenos Aires - ARGENTINA
Tel: (+54 11) 4768-4242 / Fax: (+54 11) 4849-1212
Mail: ventas@nakase.com.ar / Web: www.nakase.com.ar

