

# KVM Systems – Series 600



R. STAHL HMI is the sole provider of a classic KVM solution with digital data transfer to a terminal on site via copper or optical fibre cable. This ensures perfect image quality at the operator interface anytime, image settings or adjustments are no longer required. This high image quality is supported by high-quality industrial displays with LED backlights in sizes ranging up to 24" WU. We provide all the current screen resolutions – from 1280 x 1024 / 1680 x 1050 / 1920 x 1080 to 1920 x 1200 – tested by leading manufacturers of process control systems.

- Digital data transfer ensures best image quality
- Cable length up to 150 m / 500 m (copper) / up to 10 km (optical fibre)
- Energy saving LED display technology, with optional touch screen
- Universally installable enclosures for hygienic as well as rough, challenging production environments
- Customized versions and customer-specific developments

## Functional principle



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## Explosion Protection Certificates

ATEX, IECEx, GOST-R



## Technical Data - Overview

Design	Front panel mounting	
Display	TFT color display, > 16.7 mio. colors Brightness 250 / 300 cd/m <sup>2</sup> (depending on product type) Contrast 1000:1 Resistive touch screen optional	
Backlight	LED technology Service life 50,000 h at +20°C	
Function keys at display	–	
External keyboard	External keyboard 107 keys with trackball / joystick / mouse / touch pad	
Data transfer / cable lengths	<b>KVM-Box: DVI 2</b> DVI / USB / CAT 19" (1280 x 1024) / 22" (1680 x 1050) Copper: up to 500 m	<b>KVM-Box: DVI 3</b> DVI / VGA / USB / CAT / RS-232 / AUDIO 19" (1280 x 1024) / 22" (1680 x 1050) / 24" (1920 x 1080) / 24" WU (1920 x 1200) Copper: up to 150 m
Interfaces	1 x Ethernet 10/100BaseTx / optical fibre 3 x USB 2 x USB (keyboard, pointer instrument) 1 x RS-232 (optional with reader box for card reader) 1 x Audio line out	
Ingress Protection (front)	IP66	
Voltage	24 VDC / 100-240 VAC	

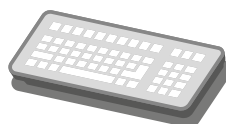
## Accessories & Options (further accessoires and information on our homepage)



**Ex i Barcode Scanner**



**Ex i Mifare Card Reader**



**Ex i Keyboard**  
as panel-mount module or as independent office-style keyboard



**Touch Pen**  
for accurate operation in hazardous areas



## Screen sizes

<b>ET</b> Zone 1 / 21	19" (22") 1280 x 1050	22" 1680 x 1050	24" 1920 x 1080	24" WU 1920 x 1200
<b>MT</b> Zone 2 / 22	19" (22") 1280 x 1050	22" 1680 x 1050	24" 1920 x 1080	24" WU 1920 x 1200
<b>IT</b> Non-Ex	19" (22") 1280 x 1050	22" 1680 x 1050	24" 1920 x 1080	24" WU 1920 x 1200

The display sizes 22" / 24" and 24" WU meet all the requirements of process control system manufacturers for wide-screens – suitable for use in hazardous areas, Zone 1, 2, 21, 22, and non-hazardous production environments.

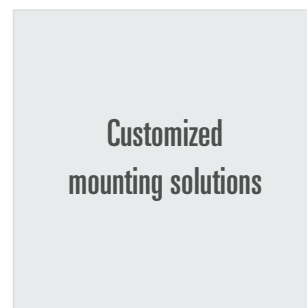
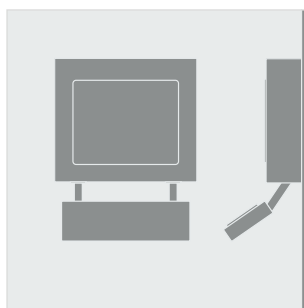
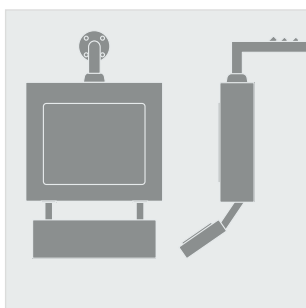
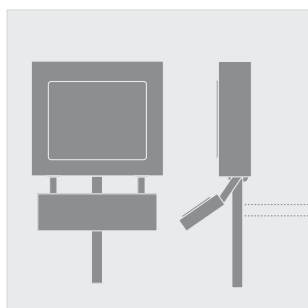
## Standard enclosures FR / CFR



## Customized enclosures



## Mounting options



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.]



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