VisuNet HMIs for Operating and Visualizing Processes and MES



VisuNet monitors and workstations are purpose-built HMIs with industrial-rated components. They can be configured to the exact requirements of a wide variety of applications. The modularity is one of their key advantages. Single components can easily be assembled or replaced. This allows users to keep their devices state-of-the-art in a sustainable and cost-efficient way. Depending on your application, Pepperl+Fuchs offers a broad portfolio of industrial and hazardous-location-rated remote monitors, panel PCs, direct monitors and the possibility to use the KVM-over-IP technology with qualified switches.. Find out more: www.pepperl-fuchs.com/hmi

VisuNet GXP

RM, PC



- Modular system
- Compact design
- Lightweight
- Field maintainable (module exchange)
- No Ex-protection housing for hazardous areas required

Zone 1/21, Zone 2/22

19 inch, 21.5 inch

–20 … +50 °C



VisuNet FLX

RM, PC, DM



- Modular system
- Global certifications Field maintainable (module exchange)
- Maximized configuration and installation flexibility
- Design in accordance with GMP

Zone 2/22
Class I, II, III, Div. 2
Non-hazardous areas

System: 21.5 inch
Panel: 21.5 inch, 19 inch, 15 inch

System A: 0 … +40 °C
System B: –20… +50 °C
Panel A: 0 … +45 °C
Panel B: –20 … +55 °C



Industrial Box Thin Clients



- Rugged design
- Long-term availability
- High installation flexibility
- Passive cooling design; 24/7
- Pre-installed VisuNet RM Shell 6 thin client firmware
- Alternate versions available as PC/IGEL OS 12 or ThinManager Ready

BTC22: up to 2 × 4K
BTC24: up to 4 × 4K

0 … +55 °C
or
–20 … +60 °C



Your automation, our passion.

PEPPERL+FUCHS

Industrial Box PCs



- 7th generation Intel Celeron and i5 embedded processor generation
- Supports high performance M.2 NVMe storage
- Up to 16 GB RAM and 512 GB storage
- High installation flexibility: stand-alone PC, panel PC, system with enclosure

–20 … +55 °C



Industrial Tablet Thin Client

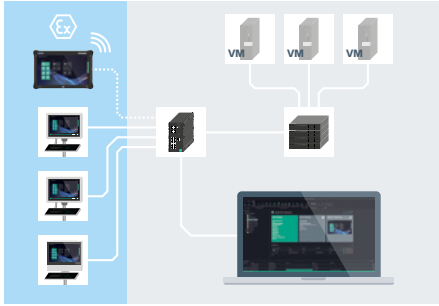


- Thin Client solution (with VisuNet RM Shell firmware)
- Capacitive multitouch screen
- Outstanding wireless connectivity
- Intel Wireless AC9260
- Bluetooth® 5.0

Zone 2/22
Class I, II, III, Div. 2
Non-hazardous areas

11.6 inch
widescreen display

–10 … +55 °C



Thin Client Software



VisuNet RM Shell 6
- Eases configuration
- Enhances security and liability (easy and flexible configuration of remote profiles (RDP, VNC, etc.)
- High flexibility



VisuNet Control Center
- Efficient, centralized remote configuration
- Simplified maintenance
- Monitoring and remote support
- Complements VisuNet RM Shell 6 firmware

Peripherals/Accessories



Ident-Ex 02 1-D/2-D Code Reader
- ATEX and IECEx Zone 1/21 and 2/22
- Lightweight and wireless via Bluetooth®
- Compatible with VisuNet FLX and GXP



EXTA4 Keyboards
- Class I, II, III, Div. 2 and Zone 1/21; IP66
- Mouseless, touchpad mouse, joystick mouse, or wash-down approved optical trackball mouse available



KVM-over-IP Switch
- Allows direct connection from a VisuNet remote monitor to a host system
- Supports concurrent remote and local access to an operator workstation



Power Supplies
- Designed for use with VisuNet operator workstations and BTC box thin clients

Engineered Solutions









Special mounting, dual monitor, mobile workstation, RFID, control elements, Wi-Fi, Bluetooth®, Div. 1, tailored to customer needs.