

MFX_4 TOUCH TERMINAL

The MFX_4 Touch Terminal is the ideal front end (Human-Machine-Interface HMI) to be installed in combination with Flow Computer, Controller and management systems.

The MFX_4 Touch Terminal is the advanced solution for applications like into-plane service operation. Therefore the MFX_4 Terminal will be installed inside of a cabin in an ergonomic position for the driver.

The MFX_4 Touch Terminal provides interfaces to on-truck flow computer, into-plane service solutions, radio LAN interfaces and access to GPS. The MFX_4 Touch Terminal can also be used in other places, e.g. access control for entrance and exit gate and others.

The MFX_4 Touch Terminal is designed for rough field operation outside of the hazardous area and offers a large, coloured display with high contrast.

The MFX_4 Touch Terminal provides the graphic display showing all process data in different kind of characters. It supports multi-language operation and provides Latin or Cyrillic characters, as well as Chinese, Hindi, etc. The messages are displayed in pop-up windows, and it features touch key operation. The display design is configurable for many applications





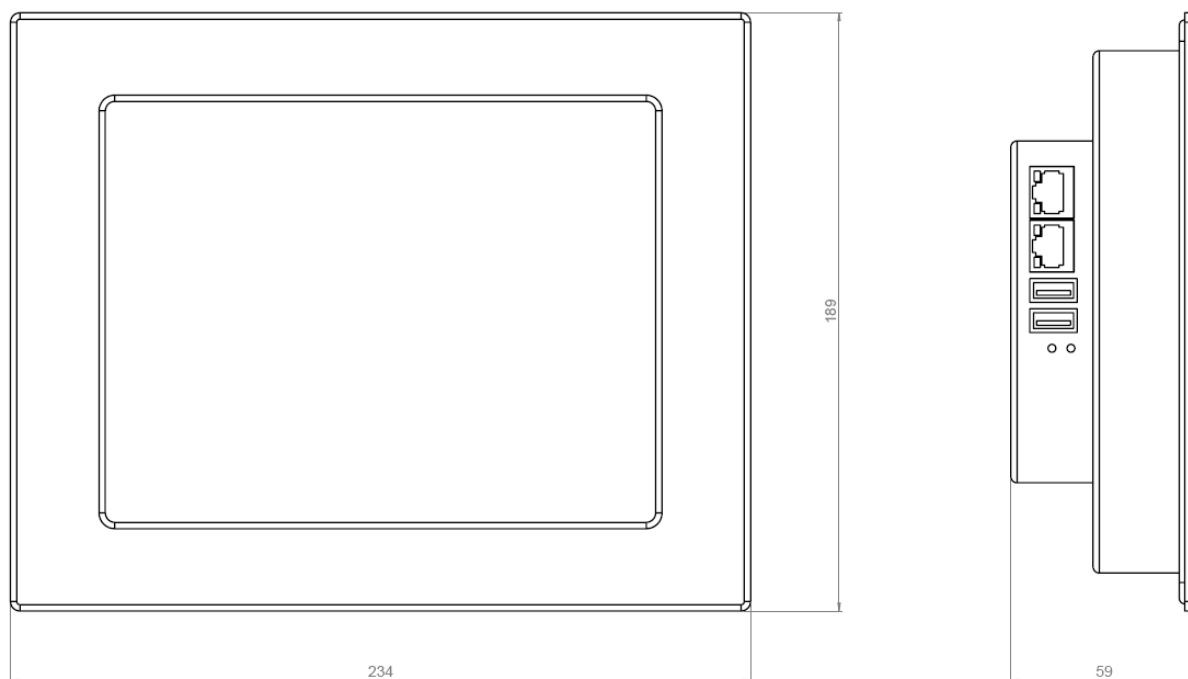
MFX_4 TOUCH TERMINAL

CHARACTERISTICS

Physical dimensions	Housing: W 234 mm x H 189 mm x D 59 mm Display cut-out: W 228 mm x H 133 mm
Housing	Aluminium front panel
Protection	IP65
Weight	Approx.. 3,3 kg
Ambient operating temperature range	0 °C ... +50 °C -20 °C ... +50 °C (extended - optionally)
Non-operating temperature range	-20 °C ... +75 °C
Humidity	0% to 80%, non-condensing
Touchscreen	Resistive Touchscreen
Protocols	CANopen
Multi-Language	English, German, Russian, Chinese traditional and simplified, others on request
Power Supply	Input 9 to 32 VDC Power Consumption: < 10W
Display	8.4" SVGA TFT LCD Display Resolution 800 x 600 Contrast Ratio 400:1 Luminance 400 cd/m ² LED backlight for high reliability
Interfaces	2 x Ethernet [TCP/IP] 10/100 MBit/s 2 x USB (v2.0) 1 x CANopen Field Bus 1 x RS232 Reset Pushbutton Status LEDs
Processor/Memory	Intel Xscale IXP420 with 400 MHz L1 cache (32kB instruction, 32 kB data) System memory 64 MB SD-RAN Boot Flash 2MB, with boot loader NVRAM 32 kB (auto-backup to EEPROM, no battery needed) Internal storage medium Compact Flash socket, Type I/II Timekeeper (TOY), part of the NVRAM, requires external battery Watchdog Timer

MFX_4 TOUCH TERMINAL

DIMENSIONS



Dimensions
254 : Dimension in millimetres
[10] : *Dimensions in inches*