

KONTRON FusionView



A NEW DIMENSION OF VISUALIZATION

- ▶ Intuitive, multi-touch edge to edge frameless front panel (12.1" / 15.6" / 18.5" / 21.5")
- ▶ Industrial grade - robust, reliable, and maintenance-free
- ▶ Easy-clean, antiglare and scratch-proof IP65 protected front glass
- ▶ Options for RFID, WLAN, alarm bar and custom I/O
- ▶ Remote visualization with Kontron WideLink at up to 100 m

POSSIBILITIES START HERE



kontron

FusionView

A NEW DIMENSION OF VISUALIZATION

Inspired by the stunning design of the FusionClient, Kontron has developed an industrial grade display as an extension to your existing industrial computer portfolio.

Combined with Kontron's FusionClient, KBox and rackmount the FusionView enables intuitive multi-touch access to real-time actionable data, therefore making it the perfect fit for SCADA and Manufacturing Execution Systems (MES), process visualization and other control applications.

All FusionView models feature an easy-clean, antiglare and scratch-proof IP65 protected front glass. Based on the wide display format, FusionView is available in four sizes (12.1", 15.6", 18.5" and 21.5"), which can be operated in both landscape and portrait format.

Display adjustments can be made either through OSD via capacitive buttons, or via software applications ("Soft-OSD").

An RFID reader, which is installed behind the glass, makes it possible to customize different authorization and security levels; thus providing in-depth access control.

Additionally, the Kontron FusionView series supports Kontron WideLink, a technology that implements data communication between a remote visualization unit and control computer through a standard Ethernet cable at up to 100 meters distance from the control computer.

▶ TECHNICAL INFORMATION

DISPLAY SIZE	12.1"	15.6"	18.5"	21.5"
RESOLUTION	1280 x 800	1366 x 768	1366 x 768	1920 x 1080
FORMAT	16:10	16:9	16:9	16:9
BRIGHTNESS (DISPLAY)	400 cd/m ²	400 cd/m ²	400 cd/m ²	300 cd/m ²
LED BACKLIGHT	Life time ≥ 50.000h			
TOUCH SCREEN	Projected capacitive touch (PCAP), multi-touch			
DIMENSIONS (HxWxD)	266 x 328 x 67,6 mm	298 x 414 x 67,6 mm	337 x 480 x 67,6 mm	373 x 545 x 67,6 mm
MOUNTING	Panel mount or VESA			
INTERFACES	Standard: DVI-I, DP, USB Type B (Slave) WideLink: RJ45 WideLink, 2x USB Type A (Master)			
WIRELESS INTERFACES	RFID			
POWER SUPPLY	24 VDC (± 25 %)			
EMC	CE: EN 61000-6-2; EN 55022 Class B			
CERTIFICATIONS	CE, designed for UL			
ALTITUDE	Operating: 10000 ft (3.000 m) / Storage: 15000 ft (4.572 m)			
SHOCK ACC. TO EN 60068-2-27	Operating 15 G 11 ms duration (half sine) Storage 30 G 11 ms duration (half sine)			
VIBRATION ACC. TO EN 60068-2-6	Operating 10-500 Hz: 1G/3 axis Storage 10-500 Hz: 2G/3 axis			
OPERATING TEMPERATURE	0 °C to +50 °C			
PROTECTION CLASS	IP65 front, IP20 rear			
HUMIDITY	5 % to 90 % non-condensing			
MTBF	> 50.000h (excluding backlight)			
VERIFIED OS	Windows 7; Windows 10; Linux Embedded			
RoHS COMPLIANT	Yes			

▶ GLOBAL HEADQUARTERS

KONTRON S&T AG

Lise-Meitner-Str. 3-5
86156 Augsburg, Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com
www.kontron.com