KONTRON FlatView STS Stainless Steel

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Industrial Grade Monitor for Environments with High Hygienic Standards

▶ Stainless steel front – corrosion-resistant and high sanitary
▶ Display sizes 10.1" - 23.8" in regular or wide format
▶ Industrial grade – robust, reliable, versatile and maintenance-free

POSSIBILITIES START HERE kontron

FlatView STS
Stainless Steel

With its FlatView STS series, Kontron offers high flexibility with respect to the design. The Stainless Steel edition of the FlatView comes with a stainless steel frame as well as an easy-to-clean glass front and special sealing materials.

With a direct integration (built-in) the FlatView STS is tailored to the requirements and regulations for direct deployment in applications with high hygienic requirements.

Combined with Kontron's FlatClient, KBox or rackmount family, the FlatView STS enables intuitive multi-touch access to real-time actionable data, making it the perfect fit for SCADA and Manufacturing Execution Systems (MES), process visualization and other control applications in sensitive environments.

The thoroughly modular design can be easily customized for a broad variety of applications, thus making this series suitable for all fields which require the visualization and processing of data, even in harsh or sensitive environments.

▶ **TECHNICAL INFORMATION**

DISPLAY SIZE	See table below
LED BACKLIGHT	Life time = > 50.000 h (30.000 h for 23.8")
TOUCH SCREEN	Projected capacitive touch PCAP / Protection glass
MOUNTING	Panel mount
STANDARD INTERFACES	1x DVI, 1x DP, 1x USB-B
POWER SUPPLY	16-30 VDC
EMC	EN55032 class B
CERTIFICATIONS	CE, cULus
ALTITUDE	Up to 10.000 ft (3.000 m)
SHOCK, ACCORDING TO EN 60068-2-27	15 G 11 ms duration (half sine)
VIBRATION, ACCORDING TO EN 60068-2-6	10-500 Hz: 1G/3 axis
OPERATING TEMPERATURE	0 °C to +50 °C*
PROTECTION CLASS	IP65 front, IP20 rear
HUMIDITY	10 %-90 % @ 39 °C, non condensing
MTBF	> 50.000 h
SUPPORTED OS	Windows7 incl. Embedded, Windows8.1 incl. Embedded, Windows 10 IoT, Linux
RoHS COMPLIANT	yes
COOLING	Fanless passive cooling

*Display size 23.8": cULus listed 0 °C to +45 °C

▶ DISPLAY INFORMATION

DISPLAY SIZE	RESOLUTION	FORMAT	BRIGHTNESS	DIMENSIONS	VIEWING ANGLE	COLORS	WEIGHT
10.1"	1280x800	16:10	500cd	276 x 195 x 65	H170 ° / V170 °	16.2 million	~ 3,7 kg
12.1" XGA *	1024x768, XGA	4:3	600 cd	338 x 277 x 65	H160° / V140°	16.2 million	~ 4,7 kg
12.1" WXGA	1280x800	16:10	500cd	321 x 234 x 65	H178 ° / V178 °	16.7 million	~ 4,7 kg
13.3"	1920x1080, Full HD	16:9	400cd	354 x 226 x 65	H178 ° / V178 °	16.7 million	~ 5,3 kg
15.0"	1024x768	4:3	400 cd	396 x 312 x 69	H160° / V140°	16.7 million	~ 6,4 kg
15.6" Full HD *	1920x1080, Full HD	16:9	400 cd	399 x 260 x 74	H140° / V120°	16.2 million	~ 6,7 kg
18.5" *	1920x1080, Full HD	16:9	300 cd	465 x 299 x 74	H178° / V170°	16.7 million	~ 8,6 kg
19.0" *	1280x1024	5:4	350 cd	473 x 396 x 68	H170° / V160°	16.7 million	~ 9,4 kg
21.5"	1920x1080, Full HD	16:9	300 cd	533 x 339 x 74	H178° / V178°	16.7 million	~ 10,7 kg
23.8" *	1920x1080, Full HD	16:9	250 cd	569 x 357 x 69	H178° / V178°	16.7 million	~ 11,8 kg

* sizes on request

▶ GLOBAL HEADQUARTERS

Kontron Europe GmbH

Gutenbergstraße 2
85737 Ismaning, Germany
Tel.: + 49 821 4086-0
Fax: + 49 821 4086-111
info@kontron.com

www.kontron.com