KONTRON FlatView

A new Level of Flexibility and Versatility

- ▶ Display sizes from 10.1" to 23.8" in regular or wide fromat
- ▶ Front options: PCAP touch, resistive touch or protection glass
- ▶ Industrial grade - robust, reliable, versatile and maintenance-free
- ▶ Flexible mounting options: built-in version or stand-alone/VESA in a full metal housing

kontron

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With its FlatView industrial monitor series, Kontron offers high flexibility with respect to the design. With a full metal housing the monitor can be installed as a stand-alone solution with VESA 75/75 or 100/100, as well as a built-in solution.

All FlatView models feature an easy-clean, anti-glare and scratch-proof IP65 protected front glass. The front options offer a choice between either PCAP touch, resistive touch, or protection glass.

The FlatView monitors are available from 10.1" to 23.8", which can be operated in both landscape and portrait format.

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

The thoroughly modular design can be easily customized for a broad variety of applications, thus making it suitable across all in-dustries which require the visualization and processing of data.

► 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) / Resistive touch / Protection glass
MOUNTING	Panel mount, VESA, stand-alone
STANDARD INTERFACES	1x DVI, 1x DP, 1x USB-B
POWER SUPPLY	12-30 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 (excluding backlight)
SUPPORTED OS	Windows7 incl. Embedded, Windows8.1 incl. Embedded, Windows10 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"	1024x768, XGA	4:3	600cd	338 x 277 x 65	H160 ° / V140 °	16.2 million	~ 4,7 kg
12.1"	1280x800, WXGA	16:10	500cd	315 x 228 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	400cd	396 x 312 x 69	H160 ° / V140 °	16.7 million	~ 6,4 kg
15.6"	1920x1080, Full HD	16:9	450cd	399 x 260 x 74	H178 ° / V178 °	16.7 million	~ 6,5 kg
18.5"	1920x1080, Full HD	16:9	350cd	465 x 299 x 74	H178 ° / V178 °	16.7 million	~ 8,4 kg
19.0"	1280x1024	5:4	350cd	473 x 396 x 68	H170 ° / V160 °	16.7 million	~ 9,4 kg
21.5 "	1920x1080, Full HD	16:9	300cd	533 x 339 x 74	H178 ° / V178 °	16.7 million	~ 10,5 kg
23.8"	1920x1080, Full HD	16:9	250cd	591 x 361 x 69	H178 ° / V178 °	16.7 million	~ 11,8 kg

▶ GLOBAL HEADQUARTERS

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