

OPEN FRAME MONITOR



Open Frame Industrial Monitor for cost effective visualization

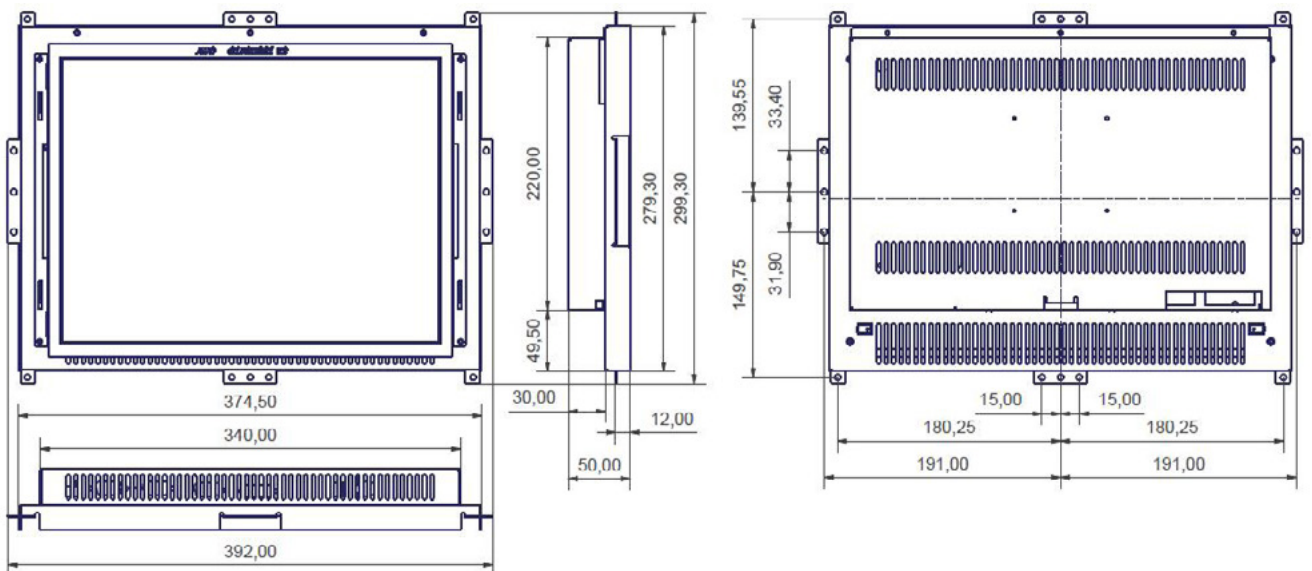
- ▶ Industrial grade – robust, reliable, versatile and maintenance-free
- ▶ Light-weight open frame monitor for easy installation in existing fronts
- ▶ TFT LCD display: 15"/17"/19"
- ▶ Modular configuration (front, touch, power, ...)

POSSIBILITIES START HERE

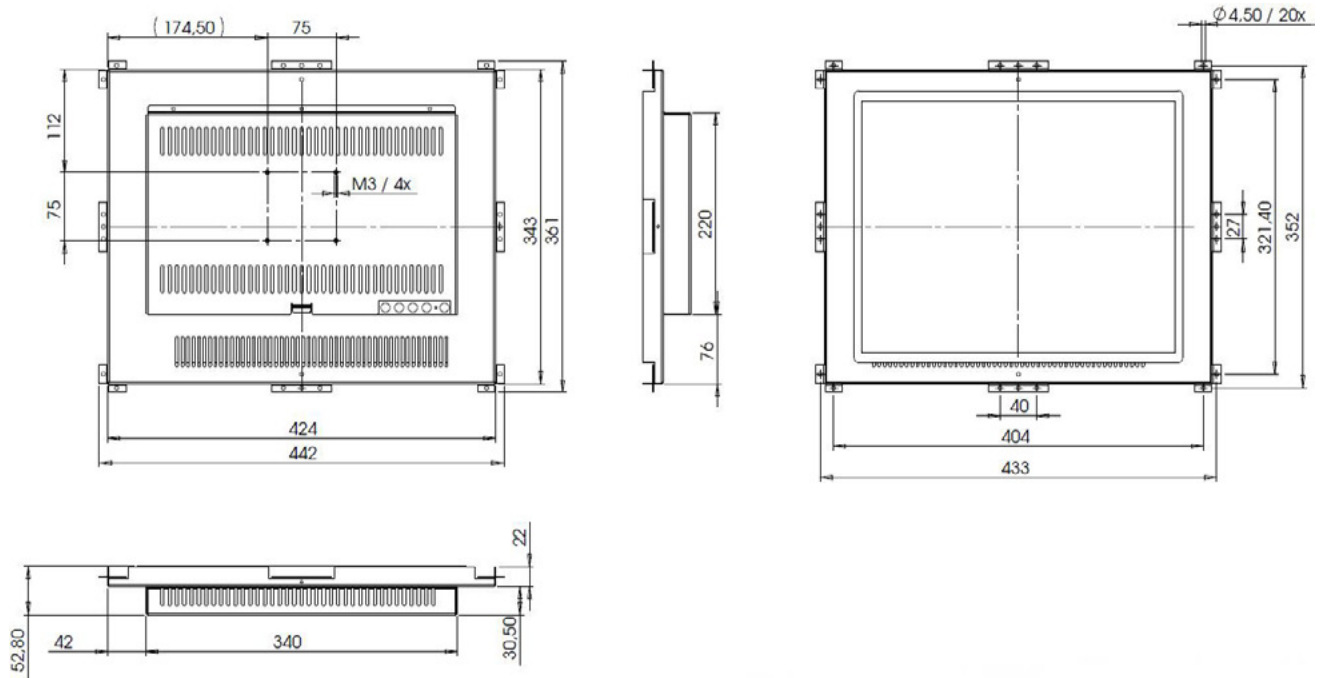
▶ TECHNICAL INFORMATION

DISPLAY SIZE	15.0"	17.0"	19.0"
RESOLUTION	1024 x 768 (4:3, XGA)	1280 x 1024 (5:4, SXGA)	1280 x 1024 (5:4, SXGA)
CONTRAST RATIO	600 : 1	1000 : 1	1000 : 1
BRIGHTNESS	250 cd/m ²	300 cd/m ²	350 cd/m ²
VIEWING ANGLE	H 160° / V 170°	H 160° / V 170°	H 160° / V 170°
LED BACKLIGHT	Life time = > 30.000h	Life time = > 50.000h	Life time = > 50.000h
COLORS	16,7 Millions		
TOUCH SCREEN	protection glass / capacitive single touch / 5-wire resistive touch		
FRONT OPTIONS	Front frame dark grey / Aluminium / Stainless Steel Front for 19" rackmount With or without OSD-buttons		
VIDEO INTERFACES	1x VGA, 1x DVI or 1x VGA, 1x DVI, 1x DP		
TOUCH INTERFACES	USB or serial		
POWER	12 V DC / 24 V DC 18 W	12 V DC / 24 V DC 28 W	12 V DC / 24 V DC 28 W
EMC	EN55022 class A		
CERTIFICATIONS	CE and UL (12 V DC)		
ALTITUDE	Up to 10.000 ft (3.000 m)		
OPERATING TEMPERATURE	0 °C to +45 °C		
STORAGE TEMPERATURE	-15 °C to +70 °C		
SHOCK ACC. TO EN 60068-2-27	15 G 11 ms duration (half sine)		
VIBRATION ACC. TO EN 60068-2-6	10-500 Hz: 1G/3 axis		
PROTECTION CLASS	Front up to IP65		
HUMIDITY	10 %-90 % @ 39 °C, non condensing		
SUPPORTED OS	Windows7, Windows8.1 incl. Embedded, Windows 10 IoT, Linux		
RoHS COMPLIANT	Yes		
COOLING	Fanless passive cooling		
WEIGHT	3,5 kg	4,7 kg	5,1 kg
OPTIONS	Video Interfaces HDMI, VGA and 1x FBAS Touch controller with serial Port and USB, Other display sizes on project base, Panel-PC possible on project base		

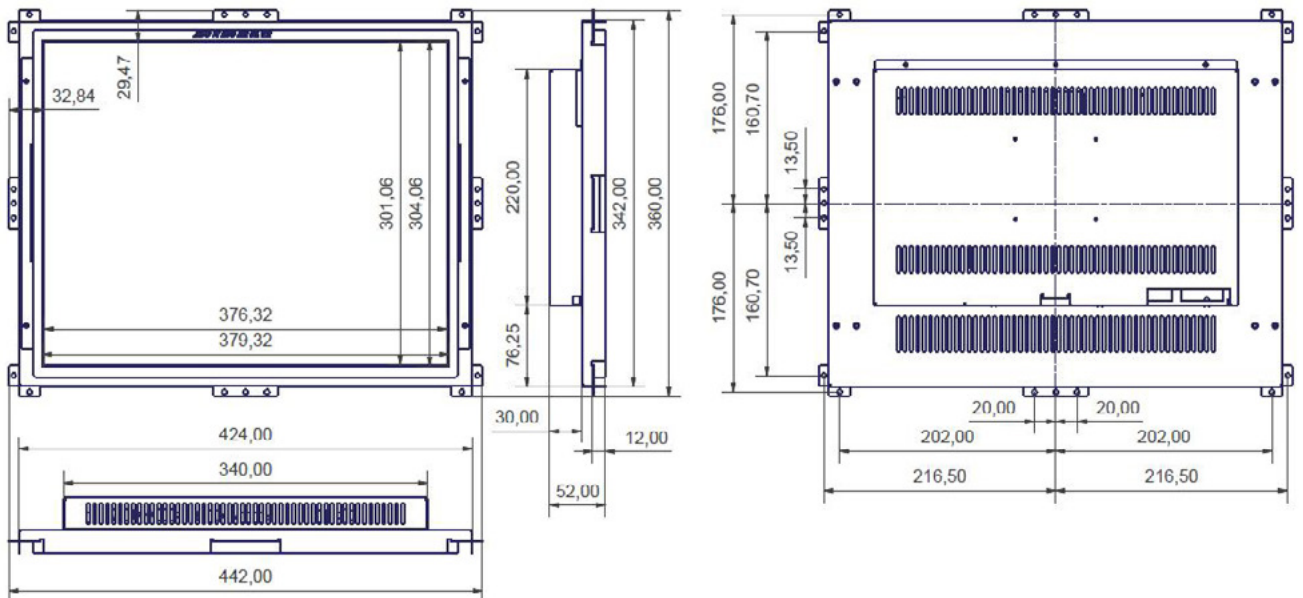
▶ DIMENSIONS 15.0"



► DIMENSIONS 17.0"



► DIMENSIONS 19.0"



► FRONT FRAME



// Front frame dark grey (RAL7021)



// Front frame 19"-rackmount (incl. OSD)

► ORDERING INFORMATION

CONFIGURATION CODE	DESCRIPTION
FS150SI	15" DISPLAY
FS170SB	17" DISPLAY
FS190SB	19" DISPLAY
IL	Front frame dark grey (RAL 7021)
IF	Front frame dark grey (RAL 7021), OSD for front frame
R7/R8/R9	Front frame 19"-rackmount (7HE/8HE/9HE)
AL	Front frame Aluminium anodized
EL	Front frame Stainless steel
RF	Front frame 19"-rackmount, OSD, RAL7035
DD	VGA and DVI
DP	VGA, DVI and DP
HS	5-wire resistive serial
HU	5-wire resistive USB
KS	Capacitive touch serial
KU	Capacitive touch USB
SG	Protection glass

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