



**Micronica MIC-17-TOF-AM**  
**17.1" LCD open frame touch screen monitor-Resistive**

**Features:**

- High brightness & high contrast TFT panel.
- EMC shielding by rusty-proof metal chassis.
- Low power consumption.
- Low power saving mode.
- Green open frame monitor.
- D-sub, DVI, DC, Audio input.
- AV, S-Video, Component, Composite & HDMI input optional.
- Support VGA, XGA, SXGA, WSXGA resolution with all-in-one design.
- 5-wire resistive touch screen with USB 2.0 cable.
- 3M & ELO controller compatible.



**Specification:**

LCD Display	17.1" TFT Active Matrix Panel.
Display Size	337.9 x 270.3 mm.
Pixel Pitch	0.26 x 0.26 mm.
	VGA 640x480 (56/60/70/75Hz).
	SVGA 800x600 (56/60/70/75Hz).
	XGA 1024 x 768 (56~75Hz), SXGA 1280 x 1024 ( 56~75Hz).
	Mac. 1280 x 1024 (75Hz)
Max. Resolution	1280x 1024 SXGA
Contrast Ratio	1,500:1 dynamic
Brightness	300 cd/m2 typically.
Response Time	5~8ms
Display Colors	16.8m
Viewing Angle	+85° ~ -85°(L/R), +80° ~ -80°(U/D)
Input Signal Video	R.G.B Analog 0.7V Peak-to-Peak
Life time backlight	50,000 hours / M.T.B.F.
Video support	VGA-SVGA-XGA-SXGA-WSXGA.
Signal Connector	15Pin D-sub connector/Audio/DC / DVI/USB 2.0 support.
Front Control	Power Switch, Menu, Select (Up, Down), Adjust(+,-)

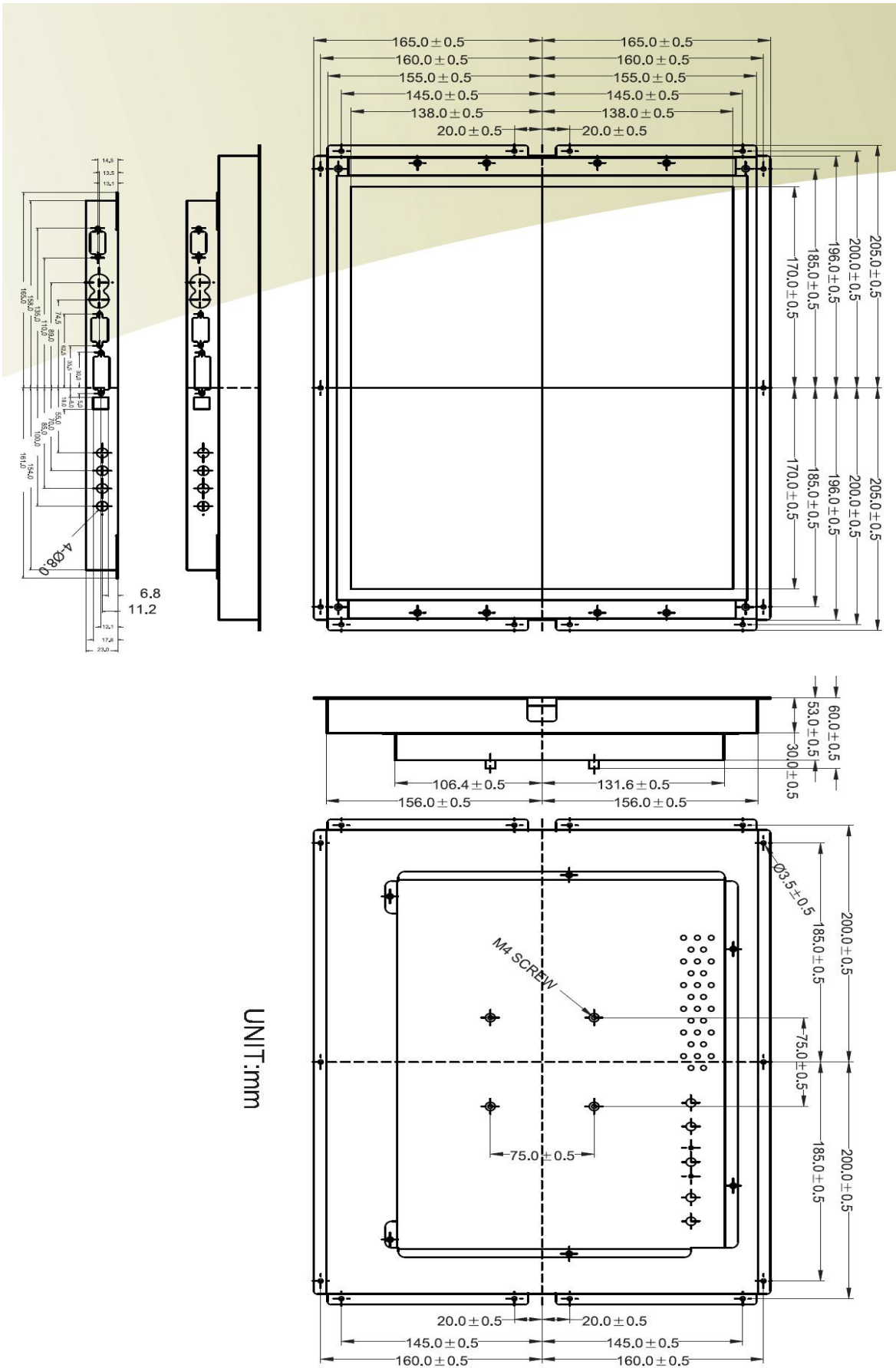
OSD	6 languages OSD manual/English, Germany, France, Spanish, Italian, Russian..
Plug & Play	DDC1/2B
Option	Video in: PAL/NTSC & S-video/AV/Component/HDMI connector option. Touch screen: IR, Capacitive & SAW touch panel.
Power	Universal 100-240V, 12V/ 35W
Dimensions	368.5 x 300.6 x 37.5 mm
Weight	3.5Kg / Net, 4.5Kg / Gross
Frame	Open frame with metal chassis.
Certification	FCC-B, CE, RoHS, EnergyStar

**\* 5-Wire Resistive touch screen:**

MECHANICAL	Size	17"
	Input Method	Finger, gloved hand or touch stylus
	Touch Activation	Typically less than 125g
	Force	2.8 mm (for sensor size under 17")
	Glass Thickness	3.8mm (for sensor size above 17")
ELECTRICAL	Option	Palm rejection
	Insulation Resistance	20M $\Omega$ or more @ DC 25V
	Chattering Time	10 ms or less
	Linearity	$\pm 1.5\%$ error or less for X axis $\pm 1.5\%$ error or less for Y axis
OPTICAL	Transmittance	83% $\pm 5\%$
	Surface Finish	Anti-glare or polish
ENVIRONMENTAL	Temperature	Operating: -10 $^{\circ}$ to 60 $^{\circ}$ , less than 90% RH. Storage: -40 $^{\circ}$ to 75 $^{\circ}$ , less than 90% RH.
	High Temperature and Humidity	60 $^{\circ}$ and 90% RH for 120hours.
DURABILITY	Surface Hardness	3H or higher per ASTM-D3363.
	Touch Life	Pen sliding: more than 500K times. Pen hitting: more than 10M times. Finger touch: more that 35M times.

\* All specifications subject to be changed without any notice.

**Mechanical Drawing:**



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# MICRONICA

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