Product Data Sheet

migra TFT 70“ – IP54

Diagonal	70” / 177 cm

Display	
Active screen dimensions (h x v)	1539 x 866 mm
Resolution (pixel)	1920 x 1080
Viewing angle (typical)	176°
Contrast ratio (typical)	5000:1
Brightness (typical)	700 cd/m^2 (panel typ.)
Colour performance	16.7 mio colours simultaneously (full colour)
Backlight system	E-LED (Edge-LED)
Safety / contrast enhancement panel	anti-glare, 90% light transmission (minimum)

Environmental conditions	
IP protection display unit	IP 54
IP protection cBox (control box)	dust-proof
Temperature (operating)	0° C bis + 40°C
Temperature (non-operating)	-20° C bis +60°C
Humidity	10% to 90% (non-condensing)

Power	
Power consumption (IPC version)	150W typ. / 210W max.
Power consumption (monitor version)	145W typ. / 205W max.
Power supply	90V to 264V, 47Hz to 63Hz

Dimensions & Weight	
H x B x D	ca. 974 x 1647 x 71 (155) mm
Weight (+/-10%)	ca. 90 kg

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Colour	
Standard colour cabinet	RAL 9005 (black), powder coated
Standard colour front panel	RAL 9006 (white aluminium), powder coated
Standard colour cBox	RAL 9005 (black), powder coated
Customized colour	On request

Display unit with IP20 cBox

Display unit without cBox

Options
Wall mounting kits, Mounting kit with tilt adapter plate, Ceiling mounting kits

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Display with IPC (integrated Industrial PC)

Display supplied with integrated industrial PC, operating system and monitoring software.

The consequent use of components from the Intel embedded roadmap secures lowest power consumption as well as optimum performance and reliability. It is perfectly suited to run all kinds of MS Windows based Digital Signage solutions.

IPC	
Processor	Intel® Atom™ E3845 quad core, 1,91 GHz
HDD	min. 32GB SSD
RAM	2GB (2x 1GB Dual Channel)
Graphics	Intel® HD Graphics, Full hardware acceleration for MPEG2, H.264, DirectX11, OCL 1.2, OGL 3.0, WMV9 and VC1
Network adapter Ethernet	1 x 1000
Sound	Intel® High Definition Audio (Intel® HD Audio)
RS232 USB 2.0 HDMI	1x 2x 1x
Audio Lineout	1x
Hardware watchdog	●
Software (installed on SSD) Windows Embedded® WES7P	●

Controls	
User controls	Mains switch
Control of display functions	Via IR or USB keyboard or via network

Accessories

Operating manual (E/D), AC Ampenol Socket, IR keyboard (option), IR remote control (option)

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Display with Monitor-Electronics

Monitor for connection to external signal sources

Displays in “monitor-only” configuration are equipped with high-capacity electronics, connectors and controls. This platform offers various connectivity options for PCs, DVD players, set-top boxes, etc.. The high end signal processing provides the best possible picture quality independent of the input signal, both for digital and analogue signal sources.

Electronics	
Horizontal frequency	15kHz – 90kHz
Vertikal frequency	49Hz – 90Hz
Signal timing table	640 x 400, 720 x 400, 640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1366 x 768, 1280 x 1024, 1600 x 1200, 1920 x 1080, 1920 x 1200, 2560 x 1440, 2560 x 1600 720i, 720p, 1080i (HDMI), 1080p (HDMI)

Controls	
Control of display functions	Via IR remote control On-screen display (OSD languages: German, English, French, Italian, Spanish and Russian) RS 232

Connectors		
Video input	HDMI 1.4 Y / CVBS (Y in or CVBS in), for SD-Video S-Video in (Y/C) for SD-Video	19pin standard HDMI Cinch Mini-DIN
PC input	DVI-I (VGA analog and dual link DVI) DisplayPort 1.2	24+5pin DVI 20pin standard DisplayPort
Serial Interface	RS232 (full remote control and service)	9pin HDSub

Accessories
Operating manual (E/D), AC Amphenol Socket, IR remote control

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