







32" 12pt open frame touch monitor built into an eye catching bezel with edge-to-edge glass

With 1920x1080 Full HD resolution and Projective Capacitive 12 point touch technology, the ProLite TF3237MSC-B3AG delivers seamless and accurate touch response. Featuring an AMVA3 Edge LED LCD screen technology, it offers exceptional colour performance and wide viewing angles, making it a perfect display for Interactive Digital Signage. In addition to the superb image quality, the screen comes with a rugged bezel and the panel withstands the 60950-1 ball drop test, making it suitable for demanding environments like table top integration. The open frame ProLite TF3237MSC-B3AG is the ideal solution for Interactive Digital Signage, Instore Retail, Kiosks and Interactive Presentations.



### **TOUCH TECHNOLOGY - CAPACITIVE**

This technology uses a sensor-grid of micro-fine wires integrated into the glass that covers the screen. Touch is detected because electrical characteristics of the sensor grid change when human finger is placed on the glass. Thanks to the glass overlay this technology is highly durable, and the touch function remains unaffected even if the glass is scratched. It offers perfect picture performance and will work with human finger (gloved or not) and magnetic ball.



### PALM REJECTION FUNCTION

Palm rejection is a way to disregard signal from finger while using the pen mode. When you touch the screen with a pen, and your palm is touching the monitor, palm rejection is activated and the screen does not recognize touch made with the finger. If the screen is not touched for 1 second, it will automatically return to the finger mode.

# 1. DISPLAY CHARACTERISTICS

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NOCH FERNOLOGYby ingerTOUCH POINTS12PANELAMVAS Edge LED-Backlit, AG84 coated GlassGLASS THICKNESS4 mmGLASS THICKNESS6H minimumDISPLAY AREA H X W992.8 X 696.4 mm; 15.5" x 27.5"RESPONSE TIME8msCONTRAST600 :1 typicalBRIGHTNESS500 cdrm² typicalBRIGHTNESS600 :1 typicalBRIGHTNESS600 cdrm² typicalDISPLAY COLOUR6.7 milionVIEVING ZONE16.7 milionNATIVE RESOLUTION0.364 x 0.364 mmNATIVE RESOLUTION1.47 - 67.5 KHzVIENTICAL SYNC6.7 milionSYNCHRONIZATION6.9 marka SyncARPECT RATIO16.9 marka SyncLIEHT TANSMIC16.9 marka SyncLIEHT TANSMIC16.9 marka SyncARPECT RATIO16.9 marka S	DIAGONAL	31.5"; 80cm
PARLAVXA3 Edge LED-Backlit, AG94 coated GlassGLASS THICKNESS4 minGLASS HARDNESS6 HininiumDISPLAY AREA H XW828.x 696.4 mi; 15.5° x 27.5°RESPONSE TIME8 m6CONTRAST000 :1 1 yicialCONTRAST000 :1 1 yicialBRIGHTNESS000 :1 1 yicialBRIGHTNESS000 :1 1 wicial variou: 178°/ 178°; right/left: 89°/ 89°; up/down: 89°/ 89°VIEWING ZONENoricontal variou: 178°/ 178°; right/left: 89°/ 89°; up/down: 89°/ 89°NATIVE RESOLUTION0.61 Noricol 2.1 megapixel)NATIVE RESOLUTION3.47.4 F.5.5 K42VIERICAL SYNC3.47.4 F.5.5 K42SYNCHRONIZATION6.9 Parale SyncASPECT RATIO6.9 Parale SyncLIGHT TANSMITTANCE6.9 Parale Sync	TOUCHTECHNOLOGY	
GLASS THICKNESS     4 mm       GLASS HARDNESS     6H minimum       DISPLAY AREA H X W     92.8 x 698.4 mm; 15.5" x 27.5"       RESPONSE TIME     6 ms       CONTRAST     5000°1 1 typical       RIGHTNESS     500 cd/m² typical       BRIGHTNESS     500 cd/m² typical       VIEWING ZONE     16.7 cm/m² tyricht/th? s °/ 69° ; up/down: 69° 69°       DISPLAY COLOUR     6.7 cm/m² tyricht/th? s °/ 69° ; up/down: 69° 69°       NATIVE RESOLUTION     16.7 cm/m² tyricht/th? s °/ 69° ; up/down: 69° 69°       NATIVE RESOLUTION     16.7 cm/m² tyricht/th? s °/ 69° ; up/down: 69° 69°       NATIVE RESOLUTION     16.7 cm/m² tyricht/th? s °/ 69° ; up/down: 69° 69°       VIENTICAL SYNC     16.7 cm/m² tyricht/th? s °/ 69° tyricht/th?	TOUCH POINTS	12
GLASS HARDNESS6H minimumDISPLAY AREA H XW\$92.8 x 698.4 mm; 15.5" x 27.5"RESPONSE TIME8 msCONTRAST000: 1 typicalBRIGHTNESS500 cd/m² typicalBRIGHTNESS420 cd/m² with touch panelVIEVING ZONE16.7 millionDISPLAY COLOUR0.364 x 0.364 mmNATIVE RESOLUTION1.41 cf 0.51 kHzHRICTONTAL SYNC1.41 cf 0.51 kHzVIERINGZATION1.41 cf 0.51 kHzSYNCHRONIZATION16.9 clASPECT RATIO1.61 clLIGHT TRANSMITTANCE1.61 cl	PANEL	AMVA3 Edge LED-Backlit, AG84 coated Glass
DSPLAY AREA H X W     S8.8 x 98.4 xm; 15.5" x 27.5"       RESPONSE TIME     8 ms       CONTRAST     300: 1 typical       BRIGHTNESS     500 cd/m² typical       BRIGHTNESS     400 cd/m² with touch panel       VIEWING ZONE     horizontal/vericia: 178°/ 178°; right/efi: 89°/ 89°; up/down: 89°/ 89°       DISPLAY COLOUR     horizontal/vericia: 178°/ 178°; right/efi: 89°/ 89°; up/down: 89°/ 89°       NATIVE RESOLUTION     horizontal/vericia: 178°/ 178°; right/efi: 89°/ 498°; up/down: 89°/ 89°       NATIVE RESOLUTION     16.1 million       VERTICAL SYNC     JA14 + 6.5 KHZ       VERTICAL SYNC     47.6 3 Hz       SYNCHRONIZATION     Separate Sync       ASPECT RATIO     6.9 antes       LIGHT TRANSMITTANCE     84.0	GLASS THICKNESS	4 mm
RESPONSE TIME     8 ms       CONTRAST     300:1 typical       BRIGHTNESS     500 cd/m² typical       BRIGHTNESS     420 cd/m² with touch panel       VEWING ZONE     hrizontal/vertical: 78° / 178°; right/left: 89° / 89°; up/down: 89° / 89°       DISPLAY COLOUR     16.7 million       NATIVE RESOLUTION     0364 x 0.364 mm       VERTICAL SYNC     J.47 - 67.5 KHz       VIERTICAL SYNC     47- 63 - 5K - 2       SYNCHRONIZATION     Sipara Sync       ASPECT RATIO     16.9       LIGHT TRANSMITTANCE     8%	GLASS HARDNESS	6H minimum
CONTRASTS00: 1 typicalBRIGHTNESS500 c/m² typicalBRIGHTNESS420 c/m² with touch panelVEWING ZONEhorizontal/verical: 178°; right/left: 89°, 89°; 190'own: 89°, 89°DISPLAY COLOUR6.7 millionPIXEL PITCH H X V0.864 x.034 mmATIVE RESOLITIONFull H 1080p, 1920 x 1080 (21 megapixel)HORIZONTAL SYNC1.47 - 6.5 KHzSYNCHRONIZATIONSparae SyncASPECT RATIO16.9LIGHT TRANSMITTANCE8.40	DISPLAY AREA H X W	392.8 x 698.4 mm; 15.5" x 27.5"
BRIGHTNESSSi0 cdm²typicalBRIGHTNESS420 cdm²twith touch panelVIEWING ZONEhorizonal vericai: 178°; right/left: 89°, 89°, 189°, 89°, 89°DISPLAY COLOUR6.7 milionPIXEL PTICH H X V.064 x 0.364 mmNATIVE RESOLUTION.014D 1080p, 1920 x 1080p (2.1 megapixel)NATIVE RESOLUTION1.47 - 67.5 KHzVERTICAL SYNC.9 a f 2.6 3 KLSYNCHRONIZATION.9 a f 2.6 3 KLASPECT RATIO.6 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	RESPONSE TIME	8 ms
BRIGHTNESS     40 cdr/m² with touch panel       VEWING ZONE     horizontal/seg/seg/seg/seg/seg/seg/seg/seg/seg/seg	CONTRAST	3 000 : 1 typical
YIEWING ZONEhorizontal/vertical: 178°; right/left: 89°/ 89°; up/down: 89°/ 89°DISPLAY COLOUR6.7 millionPIXEL PITCH H X V.0364 x 0.364 mmNATIVE RESOLUTIONFull HD 1080p, 1920 x 1080 ( 2.1 megapixel)HORIZONTAL SYNC1.47 - 67.5 KHzVERTICAL SYNC47 - 63 HzSYNCHRONIZATIONSeparate SynceASPECT RATIO6.9LIGHT TRANSMITTANCE84%	BRIGHTNESS	500 cd/m² typical
DSPLAY COLOUR     16.7 million       PIXEL PITCH H X V     0.364 x 0.364 mm       NATIVE RESOLUTION     Full D1800p. 1920 x 1080 (2.1 megapixel)       HORIZONTAL SYNC     0.147 c 7.5 KHz       VERTICAL SYNC     47 c 63 Hz       SYNCHRONIZATION     Separate Sync       LIGHT TRANSMITTANCE     8/8	BRIGHTNESS	420 cd/m <sup>2</sup> with touch panel
PIXEL PITCH H X V0.364 x 0.364 mmNATIVE RESOLUTIONFull D 1080p, 1920 x 1080 ( 2.1 megapixel)HORIZONTAL SYNC31.47 - 67.5 KHzVERTICAL SYNC47 - 63 HzSYNCHRONIZATIONSeparate SyncASPECT RATIO16 : 9LIGHT TRANSMITTANCE84%	VIEWING ZONE	horizontal/vertical: 178°/ 178°; right/left: 89°/ 89°; up/down: 89°/ 89°
NATIVE RESOLUTIONFull HD 1080p. 1920 x 1080 ( 2.1 megapixel)HORIZONTAL SYNC31.47 - 67.5 KHzVERTICAL SYNC47 - 63 HzSYNCHRONIZATIONSeparate SynchASPECT RATIO16 : 9LIGHT TRANSMITTANCE84%	DISPLAY COLOUR	16.7 million
HORIZONTAL SYNC31.47 - 67.5 KHzVERTICAL SYNC47 - 63 HzSYNCHRONIZATIONSeparate SyncASPECT RATIO16 : 9LIGHT TRANSMITTANCE84%	PIXEL PITCH H X V	0.364 x 0.364 mm
VERTICAL SYNC47 - 63 HzSYNCHRONIZATIONSeparate SynchASPECT RATIO16 : 9LIGHT TRANSMITTANCE84%	NATIVE RESOLUTION	Full HD 1080p, 1920 x 1080 ( 2.1 megapixel)
SYNCHRONIZATION Separate Synch   ASPECT RATIO 16:9   LIGHT TRANSMITTANCE 84%	HORIZONTAL SYNC	31.47 - 67.5 KHz
ASPECT RATIO 16:9 LIGHT TRANSMITTANCE 84%	VERTICAL SYNC	47 - 63 Hz
LIGHT TRANSMITTANCE 84%	SYNCHRONIZATION	Separate Sync
	ASPECT RATIO	16:9
ANTI-GLARE COATING yes	LIGHT TRANSMITTANCE	84%
	ANTI-GLARE COATING	yes

## 2. INTERFACES & CONNECTORS

VIDEO IN	VGA, DVI-D, HDMI
AUDION IN	mini Jack
AUDIO OUT	speakers
CONTROLS	RS232C, IR Extender, USB (touch)

# 3. SPECIAL FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 8 languages (EN, FR, ES, DE, NL, PL, RUS, IT) and 6 front controls (Power, Scroll up/ Volume+, Scroll down/ Volume-, Auto/Exit, Input Select/OK, Menu)
USER CONTROLS	brightness, contrast, colour settings, display adjust (aspect ratio, gamma, sharpness, H. position, V. position, clock, phase, auto adjust) other settings (language, OSD time out, volume, mute, fan, anti image retention, opening logo, factory reset) schedule settings (date and time, timer day set, on timer input select, reset) input source, information
SPEAKERS	2 x 7 W (Stereo)

SAFETY	CE, TÜV-Bauart, CU, IPX1 (front), 60950-1 ball drop test
VESA MOUNTING	400 x 200 mm
COLOUR	Black
ORIENTATION	landscape / portrait / face-up
METAL BEZEL	yes
BALL DROP TEST PROOF	yes
PALM REJECTION	yes

## 4. ACCESSORIES

DRIVER	multi-touch: Windows® 7/8/10, Linux (3.0x) (for more details see manual p.16)
INCLUDED ACCESSORIES	power cable, VGA signal cable, DVI-D signal cable, USB cable, IR Extender cable, remote control + battery, cable clamper, quick start guide, safety guide
OPTIONAL ACCESSORIES	wall mount MD 052B1000 (landscape)

### **5. POWER MANAGEMENT**

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER USAGE	48 W typical; max. 0.5 W in Power management mode
POWER MANAGEMENT	VESA DPMS

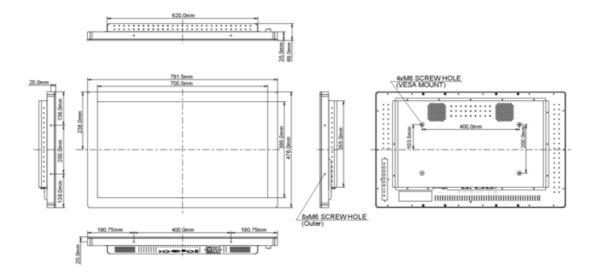
## 6. EU ENERGY EFFICIENCY LABEL

ENERGY EFFICIENCY CLASS	В
ON MODE POWER CONSUMPTION	54.2W
ANNUAL ENERGY CONSUMPTION	79 kWh/annum*
VISIBLE SCREEN DIAGONAL	80 cm; 31.5"; ( 32" segment )

This is information under Regulation (EU) No 1062/2010. \*Based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

## 7. DIMENSIONS & WEIGHT

DIMENSIONS W X H X D	781.5 x 476 x 69 mm
WEIGHT	17.3 kg



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