

MultiSync® E233WM LCD 23" Commercial Display

Datasheet



E233WM - Maximum flexibility for a healthy performance

With the E233WM adjusting your monitor to your personal preferences has never been simpler, smarter or healthier. Highly flexible ergonomic setting options including height adjust, tilt and swivel as well as vertical and horizontal display orientation result in a more pleasant and productive work environment.

The monitor's active anti-reflective screen surface features an easy-to-read and eye-pleasing image quality, while providing best performance for better working results, a healthy viewing experience and satisfied display users. Thanks to a 50% lower power consumption in eco mode the E233WM protects both the environment and your wallet.

Benefits

Ergonomic Office - full height adjustability (110 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Ecologics and Ergonomics - complying to the latest standards including TCO 6.0 and ISO 6-0.

Cost Saving Device Management - save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	MultiSync® E233WM
Product Group	LCD 23" Commercial Display
Order Code	60003806 (BK), 60003807 (WH)

Display

Panel Technology	W-LED TN TFT
Screen Size [inch/cm]	23 / 58
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m ²]	250
Contrast Ratio (typ.)	1000:1 (25000:1 dynamic contrast ratio)
Viewing Angle [°]	170 horizontal / 160 vertical (typ. at contrast ratio 10:1); 176 horizontal / 170 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	5 (grey-to-grey)
Colours [Mio.]	16.7

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	56 - 76

Resolution

Optimum Resolution	1920 x 1080 at 60 Hz			
Supported	1920 x 1080; 1680 x 1050; 1440 x 900;	1400 x 1050; 1360 x 768; 1280 x 1024;	1152 x 864; 1024 x 768; 800 x 600;	720 x 400; 640 x 480

Connectivity

Digital	1 x DisplayPort; 1 x DVI-D
Analog	1 x mini D-sub 15 pin

Electrical

Power Consumption on Mode [W]	19 (Eco Mode); 24 (typ.)
Power Savings Mode [W]	< 0.35
Power Supply	0.6 A/0.35 A; 100-120 V/220-240 V; integrated power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80

Ergonomics

Height adjustable Stand [mm]	110
Screen Tilt / Swivel / Rotate [°]	-5 to +20 / -45 to +45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	16.4 (left and right); 16.8 (top and bottom)
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Dimensions (W x H x D) [mm]	544.3 x 374.5 x 213.9; Without stand: 544.3 x 322.2 x 53.3
Weight [kg]	5.7
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	ErgoDesign®: Height adjustable stand (110 mm), swivel (20°), and portrait (90°)
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC2Bi
Audio	Integrated Speakers (1 W + 1 W)
Adjust Functions	Auto Adjust; Auto Brightness; Brightness; Colour Control System; Contrast; Cost Meter; DV Mode; EcoMode; Expansion Mode; Factory Preset; IPM-Setting; Language Select; LED Brightness; Position; Power-Off Timer
Shipping Content	Monitor; Power Cable; Setup Guide Signal Cable: 1 x DVI-D; VGA - VGA
Safety and Ergonomics	CE; EnergyStar 6.0; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); PCT/Gost; TCO 6.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight

Green Features

Energy Efficiency	Annual energy consumption: 43 kWh (based on 4 operating hours per day); Energy efficiency class: B
Ecological Standards	TCO 6.0



CE



ErP



FCC Class B



ME06
PCT/Gost



TCO 6.0



TÜV
Ergonomics



TÜV GS

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