LCD monitor with LED backlight

• V Line
• 20 (19.5" / 49.5 cm diag.)

200V4LSB/00

Enjoy great LED pictures in vivid colors

Enjoy vivid LED pictures with this attractive, glossy design display. Equipped with SmartControl lite, it's a great choice!

Benefits

Vivid pictures every time

• LED technology for vivid colors
• Easy display performance tuning with SmartControl Lite
• SmartContrast for rich black details
• 16:9 display for great viewing experience

Modern design

• Attractive glossy design
• Small footprint saves space

• VESA mount allows for flexibility

Greener everyday

• Mercury Free eco-friendly display
• Energy Star for energy efficiency and low power consumption
• Low power consumption saves energy bills

Features

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

PHILIPS

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

Specifications

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Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	19.5 inch / 49.5 cm
Effective viewing area	432.00 (H) x 239.76 (V)
Aspect ratio	16:9
Optimum resolution	1600 x 900 @ 60 Hz
Response time (typical)	5 ms
Brightness (max.)	250 cd/m²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.27 x 0.27 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -75 Hz (V)
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) DVI-D (digital, HDCP)
Sync Input	Separate Sync Sync on Green

Convenience

User convenience	Auto/Down 4:3 Wide/Up Brightness/Back Menu/OK Power On/Off
OSD Languages	English French German Italian Portuguese Russian Simplified Chinese Spanish Turkish
Other convenience	Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 8/7/XP

Stand

Tilt	-5/20 degree

Power

On mode	15.02 W (EnergyStar 5.0 test method)
Standby mode	0.5 W
Off mode	0.5 W
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	479 x 369 x 201 mm
Product without stand (mm)	479 x 299 x 48 mm
Packaging in mm (WxHxD)	567 x 372 x 124 mm

Weight

Product with stand (kg)	2.72 kg
Product without stand (kg)	2.39 kg
Product with packaging (kg)	3.79 kg

Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	EnergyStar 5.0 RoHS Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST PSB SASO SEMKO TCO Certified TUV/ISO9241-307 UL/cUL WEEE

Cabinet

Color	Black

data subject to change
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Finish	Glossy (front bezel) /Texture (rear cover)

www.philips.com