

# Display Touch 21,5" Optical

Technical specification

Code 3209



## 21,5" Two-point multi-touch monitor

The Touch Screen 3209 is based on the latest optical touch sensor technology and fully Windows 8 compatible. It lets you browse the web, email and draw while working on multiple screens, docking or typing on the on-screen keyboard. You can scroll and rotate pictures, draw, zoom in and out using certain tap, flick, grab and pincer gestures. HDMI, DVI and Analogue inputs are available for flexible connectivity. Ready for the emerging business and consumer software packages.

### DISPLAY CHARACTERISTICS

Diagonal	21.5"; 54.7cm
Touchtechnology	optical, multitouch (2 compatible touch points - HID, supported only under Windows® 7/8), activated by finger or stylus
Panel	TN LED-backlit
Display area h x w	268.11 x 476.64 mm; 10.6" x 18.8"
Response time	2 ms
Static contrast	1000 : 1 typical
Advanced contrast	5 000 000 : 1 ACR
Brightness	220 cd/m² typical
Viewing zone	horizontal/vertical: 170°/ 160°; right/left: 85°/ 85°; up/down: 80°/ 80°
Display colour	16.7 million
Pixel pitch h x v	0.248 x 0.248 mm
Native resolution	Full HD 1080p, 1920 x 1080 ( 2.1 megapixel)
Horizontal sync	24 - 80 KHz
Vertical sync	55 - 75 Hz
Synchronization	Separate Sync
Aspect ratio	16 : 9
Light transmittance	88%

### POWER MANAGEMENT

Power supply	AC 100 - 240 V, 50 / 60 Hz
Power Supply Unit	internal
Power usage	19 W typical; max. 0.5 W in Power management mode
Power management	VESA DPMS, ENERGY STAR®

### EU ENERGY EFFICIENCY LABEL

Energy efficiency class	A
On Mode Power Consumption	20.1W
Annual Energy Consumption	29 kW/annum*
Visible Screen Diagonal	55 cm; 22"

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.

### DIMENSIONS / WEIGHT

Dimensions w x h x d	556 x 399 x 240 mm
Weight	5.9 kg

### INTERFACES / CONNECTORS / CONTROLLERS

Analog input connector	VGA (D-Sub)
Digital input connector	DVI-D, HDMI
HDCP	yes
Headphone connector	Yes
Output connector	headphone connector
Inputs	USB (for touch connectivity)

### SPECIAL FEATURES

Plug & Play Controls	VESA DDC2B™ On-Screen-Display in 8 languages (EN, FR, DE, NL, PL, RU, JP, Chinese) and 5 front controls (Power, Select/ Input Select, Scroll up/ Volume, Scroll down/ i-Style Colour, Menu)
User controls	auto image adjust, picture adjust (contrast, brightness, ACR, ECO, OD), input select, audio adjust (volume, mute, HDMI audio), colour adjust, information, manual image adjust (V/V position, clock, phase, sharpness, video mode adjust, setup menu (language, OSD position, OSD time out, OSD background, opening logo, LED), memory recall
Speakers	2 x 1 W (Stereo)
Anti-theft-device	Kensington-lock™ prepared
Safety	CE, TÜV-Bauart, VCCI-B, PSE
Tilt angle	22° up; 9° down
VESA mounting	100 x 100 mm
Colour	Black

### ACCESORIES

Driver	single-touch: Vista, multi-touch: Windows®7/8 (HID)
Included accessories	power cable, VGA (D-Sub) cable, DVI-D cable, audio cable, USB cable, quick start guide, safety guide