

Get Interactive with Your Class Today



The BenQ Interactive Flat Panel T420



T420



Enjoyment Matters

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Product Name		T420
PANEL		
LCD Size		42"
Light Source		CCFL
Resolution		FHD 1920 x 1080
Aspect Ratio		16:9
Brightness (typ)		500 nits
Contrast Ratio (typ)		1500:1
Response Time (ms)		5ms
Frame Rate		60Hz
Viewing Angle (L/R; U/D)		178/178
Color gamut (x% NTSC)		72%
Panel Bit		10 Bit
POWER		
Voltage		100 V ~ 240 V, 50 Hz / 60 Hz (built-in)
Maximun (Watt)		<210W
Standby (Watt)		<0.5W
TOUCH		
Technology		Optical Dual Touches (for Win7 only)
Resolution (points area function)		32767 x 32767
Capacity		2 simultaneous touches
Touch Output		USB 2.0
PC		Support Window XP, Window Vista, Window 7
Accuracy		+/- 3mm over 95% of touchable area
AUDIO		
Audio W (Amp)		12W X 2
IO		
Line in		Yes
Power (AC) Input \Output		Yes
Audio Output (L/R, RCA)		Yes
External Speaker Out (L/R)		Yes
Audio Input (L/R)		Yes (X2)
HDMI In		Yes
DVI Input		Yes
VGA In \ Out		Yes
USB (Touch to External PC)		Yes
RS232 Input \ Output		Yes
Component In (YPbPr, RCA)		Yes
S-Video In		Yes
Composite video In \ Out (BNC)		Yes
MECHANICAL		
Weight (kg) (without packing/with packing)		25.6 / 30.5
Dimension (WxHxD)(mm)		992 x 585 x 128.3
Housing material		Metal (NCT)
Wall Mounting (mm)		4 Holes (400 x 200)
FEATURE		
Sharpness Enhancement		Yes
Proof of Image Retention		Yes
Diming Control (DCR)		Yes
Picture in Picture (PIP)		Yes
De-Interlacing / Comb Filter		Yes
color processing		10 Bit
Build-in Video Wall Support		Yes
Scheduling		Yes
Ambient Light Sensor		Yes
Total turn-on time		Yes
Diagnostic DC voltage (12v/5v)		Yes
Internal Temperature Sensor		Yes

Interactive displays have become one of the most powerful teaching tools today, replacing traditional classroom instructions with a new style of learning that's research-proven to enhance academic performances, collaborative learning and team building. A perfect solution for e-classrooms, the BenQ Interactive Flat Panel T420 combines the power of touch technology and multimedia connectivity to maximize the learning experience of all types of learners. Designed with safety and flexibility in mind, the T420 is easy and simple to install in any classroom setting using a VESA wall mount.

Optical Sensing Touch Technology

Built with the Optical Sensing Touch technology, the T420 allows you to control your computer directly by touching the screen. It's faster, easier and far more precise when all you need to do is point and touch with the tip of your finger. Connect your computer to the T420 with a USB cable to get started!

Optical Dual Touch Technology

Pair the T420 with Windows 7 and watch the Optical Dual Touch Technology works its magic turning the displayed image into a multi-touch screen. Teachers can invite two students to come up to the board for a quick one-on-one contest.

Ambient Light Sensor

The T420 is built with an ambient light sensor to detect the amount of ambient lighting in its surrounding and adjust the display setting accordingly without user intervention. This means teachers and students can always enjoy optimal picture quality in class.

Integrated Speaker

To help teachers enrich their class with multimedia learning resources, BenQ has built 12W speakers into the T420. The use of videos, music and sound effects make every lesson more engaging and effective.

Dealer's Stamp



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