IL420 | Interactive Flat Panel

Highlights

Interactive displays have become one of the most powerful office tools today, replacing traditional meetings and trainings with a new style of business communication that's proven to enhance meeting efficiency, training effectiveness, collaborative discussion, and team building. A winning solution for your business, the BenQ Interactive Flat Panel IL420 combines the power of infrared touch panel and multimedia connectivity to maximize your presentations. Designed with safety and flexibility in mind, the IL420 is easy and simple to install in any office setting using a VESA wall mount.

Infrared 6 Points Touch Technology

Pair the IL420 with Windows® 8 / Windows® 7 and watch the infrared touch technology work its magic turning the displayed image or spreadsheet figure into a multi-touch screen. Trainer or speaker can invite audiences to come up to the board for a quick contest and trial.
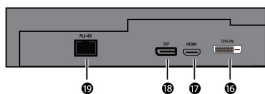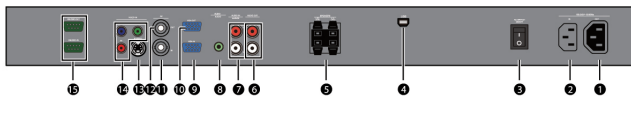
Ambient Light Sensor

The IL420 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 the audience can always enjoy optimal picture quality in office and classroom.

Integrated Speaker

To help professional elites gain the competitive edge by enriching their meeting with multimedia resources, BenQ has built 12W speakers into the IL420. The use of videos, music and sound effects make every presentation more engaging and effective.

Reference	Label
1	AC OUT
2	AC IN
3	AC SWITCH ON / OFF
4	USB
5	SPEAKERS (R / L) (IL650 not available)
6	AUDIO OUT (R / L)
7	AUDIO IN (AUDIO2)
8	AUDIO IN (AUDIO1)
9	VGA IN
10	VGA OUT
11	AV IN
12	AV OUT
13	VIDEO IN (S-VIDEO)
14	VIDEO IN (YPbPr)
15	RS232C IN / OUT
16	DVI-IN
17	HDMI
18	DISPLAY PORT
19	RJ-45

Specifications

Category	Spec	Value
Panel	LCD Size	42"
	Light Source	Direct LED
	Active Area (mm)	927.94(H) x 521.96(V)
	Resolution	FHD 1920 x 1080 (pixels)
	Aspect Ratio	16:9
	Brightness	400 nits (typ.)
	Contrast Ratio	1000:1(typ.)
	Response Time (ms)	9ms(typ.)
	Pixel Pitch	0.4833 (H) x 0.4833 (W) mm
	Frame Rate	60 Hz
	Viewing Angle	178 degree (H) / 178 degree (V)
	Light Life	50,000 hrs (typ.)
	Color gamut (x% NTSC)	68%
	Panel Bit	8 bit, 16.7M
Power	Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
	Maximum (Watt)	<150W
	Typical (Watt)	120W
	Standby (Watt)	<0.5W (only VGA wake-up)
	Power Off (Watt)	<0.5W
Touch	Touch points	6 points simutaneously
	OS supported	WinXP, Win7, Win8, Mac 10.4~10.10, Linux: Fedora 15 & Ubuntu 12.10
	Touch Driver Free	separated driver needed for Mac and Linux
Glass	Tempered glass	8H
Environment	Operation Temp (dC)	0°C ~ 40°C
	Storage Temp (dC)	-20°C ~ 60°C
	Storage Humidity	10% ~ 90% RH
	Operating Humidity	10% ~ 80% RH
	Display Orientation	Landscape / Portrait
	Usage (hrs/days)	24 hours / 7 days
Audio	Audio Input (L/R, RCA)	x1
	Audio Output (L/R, RCA)	x1
	Internal Spk	12W x 2
	Line in (3.5mm)	x1
AC Power	Power (AC) Input	x1
	Power (AC) Output	x1
	Power switch	x1
I/O	VGA In	x1
	VGA Output	x1 (3x3 Daisy Chain)
	DVI-D Input	x1
	HDMI Input	x1
	Composite video In (BNC)	x1
	Composite video Out (BNC)	x1
	Component In (RCA)	x1
	S-Video In	x1
	Display Port Input	x1
Control	RS232 Input	x1
	RS232 Output	x1
	RJ45 Port	x1
	FW Update	RS232/LAN
ME	Weight (without / with packing)	22.7/26.8 kg
	Dimension (WxHxD)	981x571x121 mm
	Bezel Width (T/B/L/R)	22.5/22.5/22.5/22.5 mm
	Wall Mounting	400x200 (4 holes)
Language	OSD	EN/EF/SP/EP/CN/TC
Accessory	Remote Controller	x1
	PWR Cord	1.8 meter
	VGA Cable	x1
	Quick start guide	x1
	USB Cable (1.8M) for Touch (A-B)	x1
	Touch Pen (Stylus)	Yes (2pcs)
Number	UPC code	8400460-2885-5
	BenQ Part Number	9H.F07PQ.NE2
Software Compatible	Multiple display administrator	Yes
Warranty	Warranty	3-Year
Features		Image Setting, VGA Daisy Chain, RS232 Control Daisy Chain, ID Setting, Sharpness Enhancement, Proof of Image Retention, Diming Control (Adaptive Contrast), Picture in Picture (PIP), Picture by Picture (PBP), HDMI-HDCP, Scheduling, Ambient Light Sensor, Internal Temperature Sensor, CEC Control

BenQ

Because it matters