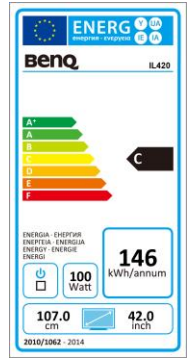


# Data sheet

## BenQ IL420 large format touch screen

- Full HD 1920 x 1080
- Ambient Light Sensor
- 12 Watt x 2 Speaker
- IR Multitouch 10 touches
- Landscape / Portrait Mode



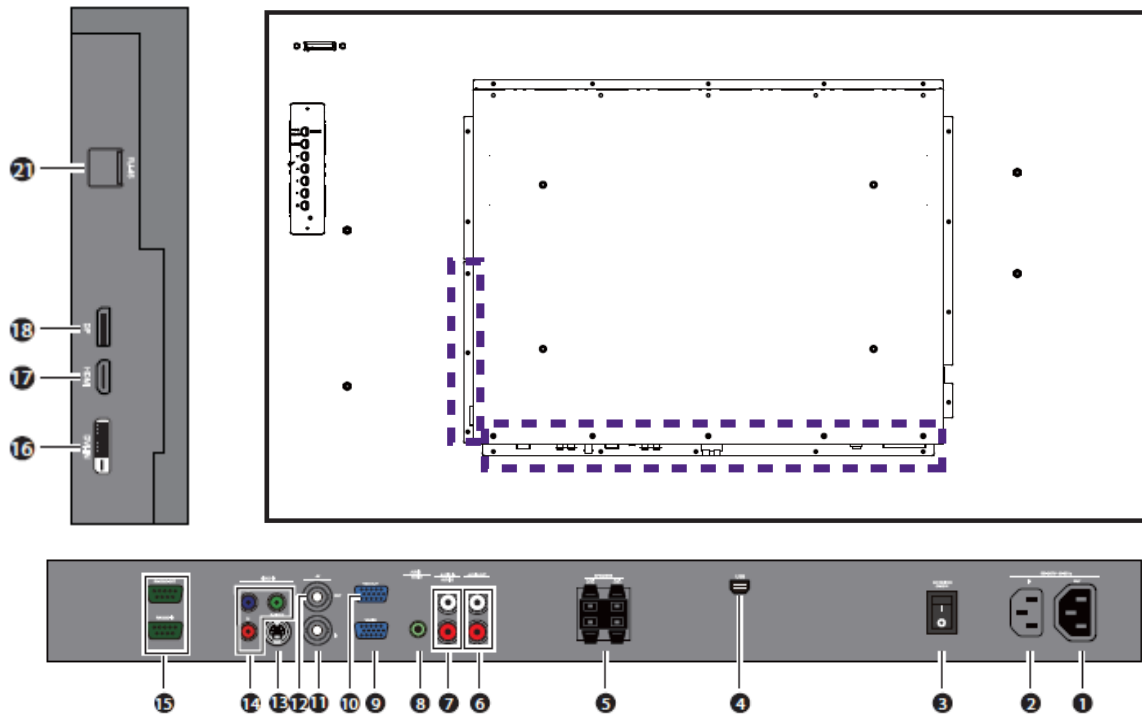
**HDMI**

|                       |  |
|-----------------------|--|
| <b>Panel</b>          | Model : IL420<br>Art. No. / EAN Code : 9H.F07PQ.NE6 / 471 8755 04630 8<br>Typ : 106,68 cm / 42" Wide TFT VA Panel<br>Native resolution : 1920 x 1080 Full HD 1080p / 16:9<br>Panel : 8 Bit<br>Cover Glass Thickness / Hardness : 3 mm / 8H<br>Max. Colors : 16.7 Million<br>Backlight : edge LED<br>Viewing angle H / V : 178°/ 178°<br>Contrast (static) : 3.000:1<br>Brightness : 400 cd/m <sup>2</sup><br>Response time : 6.5 ms  |
| <b>Connection</b>     | Input : Power AC, Line in (3,5mm), Audio L/R (RCA), HDMI, DVI-D, VGA, DP, RS232, Component YPbPr (RCA), S-Video, Composite Video (BNC), RJ45<br>Output : Power AC, Audio L/R (RCA), Speaker L/R, VGA, USB 2.0 (touch to ext. PC), RS232, Composite Video (BNC), Component YPbPr (RCA)  |
| <b>Control</b>        | Touch Technology : IR Multitouch 10 touches<br>Resolution / capacity : 32767 x 32767 / 10 simultaneous touches<br>PC Compatibility : Win XP, Win Vista, Win7/8/10, MAC OS X10.6-10.10, Linux, Chrome OS 34.0.1847.134<br>Accuracy : +/- 2.5mm over 95% of touchable area<br><br>Controls at backside : On/Off -Switch, 6 OSD buttons, Standby button<br>Functions : Image Setting, Source / Volume Control, VGA Daisy Chain (3x3), RS232 Control Daisy Chain, OSD rotation, ID Setting, Sharpness Enhancement, Proof of Image Retention, Diming Control (Adaptive Contrast), Picture in Picture (PIP), Picture by Picture (PBP), HDMI-HDCP, De-Interlacing / Comp Filter, 10 Bit color processing, Build-in Video Wall support, Scheduling, Ambient Light Sensor, total turn on time counter, Diagnostic DC (12V/5V), internal temperature Sensor, CEC Control |
| <b>Extra</b>          | Software support : Multiple Display Administrator (MDA)<br>internal Speaker : 12W x 2<br>Mounting : 400 x 200 mm<br>Operation time hours/days : 24/7   |
| <b>Energy</b>         | Power supply : Internal<br>Voltage for operation : 100 ~ 240 VAC ; 50 / 60 Hz<br>Power consumption (max. / typ.) : < 150 W / 120 W<br>(sleep mode) : < 0,5 W   |
| <b>Certification</b>  | Safety : CE  |
| <b>Environment</b>    | Operation : + 0 ~ +40°C ; 10 ~ 80% air humidity<br>Storage : -20 ~ +60°C ; 10 ~ 90% air humidity   |
| <b>Characteristic</b> | Weight net.: 24.5 kg<br>Housing color / material : black / metal<br>Dimension (W x H x D) : 986 x 578 x 106 mm<br>Accessories : Quick Start Guide, remote incl. batteries, Power- / USB- and VGA cable, 2x touch pen<br>Warranty term : 3 years OSE (on site exchange)   |



# Data sheet

## Input/output terminals



| No. | Name                               | Description  |
|-----|------------------------------------|--|
| 1   | AC OUT                             | Relays the AC power from the AC IN jack to another display.                    |
| 2   | AC IN                              | Connects to a power outlet via the supplied power cord.                        |
| 3   | AC SWITCH ON/OFF                   | Turns on or off the main power.  |
| 4   | USB (IL series only)               | Connects the USB cable from the display to a computer to use the touch module. |
| 5   | SPEAKERS (R/L) (Not for the IL650) | Outputs audio signals to external speakers.                                    |
| 6   | AUDIO OUT (R/L)                    | Outputs audio signals to an external device.                                   |
| 7   | AUDIO IN (AUDIO2)                  | Receives audio signals from an external device (such as a VCR or DVD player).  |
| 8   | AUDIO IN (AUDIO1)                  | Receives audio signals from an external device (such as a computer).           |

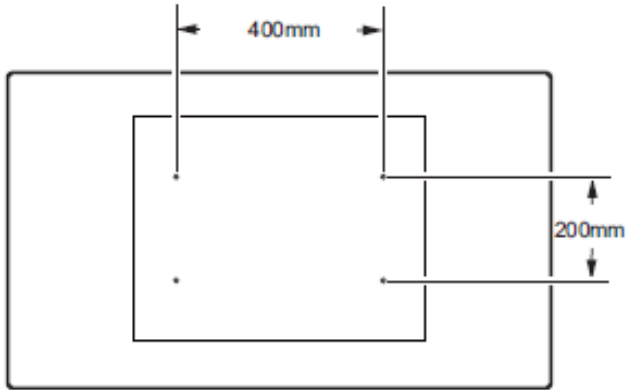
|    |                                 |  |
|----|---------------------------------|--|
| 9  | VGA IN                          | Receives analog RGB signals from an external device (such as a computer).  |
| 10 | VGA OUT                         | Outputs analog RGB signals from the VGA IN input to another display.   |
| 11 | AV IN                           | Receives composite video signals from an external device (such as a VCR or DVD player).  |
| 12 | AV OUT                          | Outputs composite video signals from the AV IN input to another display.   |
| 13 | VIDEO IN (S-VIDEO)              | Receives S-Video signals from an external device (such as a VCR or DVD player).  |
| 14 | VIDEO IN (YPbPr)                | Receives component video (YPbPr) signals from an external device (such as a DVD player, HDTV device or Laser disc player).   |
| 15 | RS232C IN/OUT                   | For external control and multi-display operation.<br>• RS232C IN: receives control signals from a computer or another display.<br>• RS232C OUT: outputs control signals from the RS232C IN input to another display. |
| 16 | DVI-IN                          | Receives DVI signals from an external device (such as a computer).   |
| 17 | HDMI                            | Receives HDMI signals from an external device (such as a Blu-ray disc player).   |
| 18 | DISPLAY PORT                    | Connects to a DisplayPort compatible device.   |
| 19 | USB A (Type A) (SL series only) | Connects to a USB flash drive or WiFi dongle.  |
| 20 | USB B (Mini B) (SL series only) | Connects to a computer for USB display.  |
| 21 | RJ-45                           | Connects to the RJ-45 port on your Ethernet or router.   |

# Data sheet

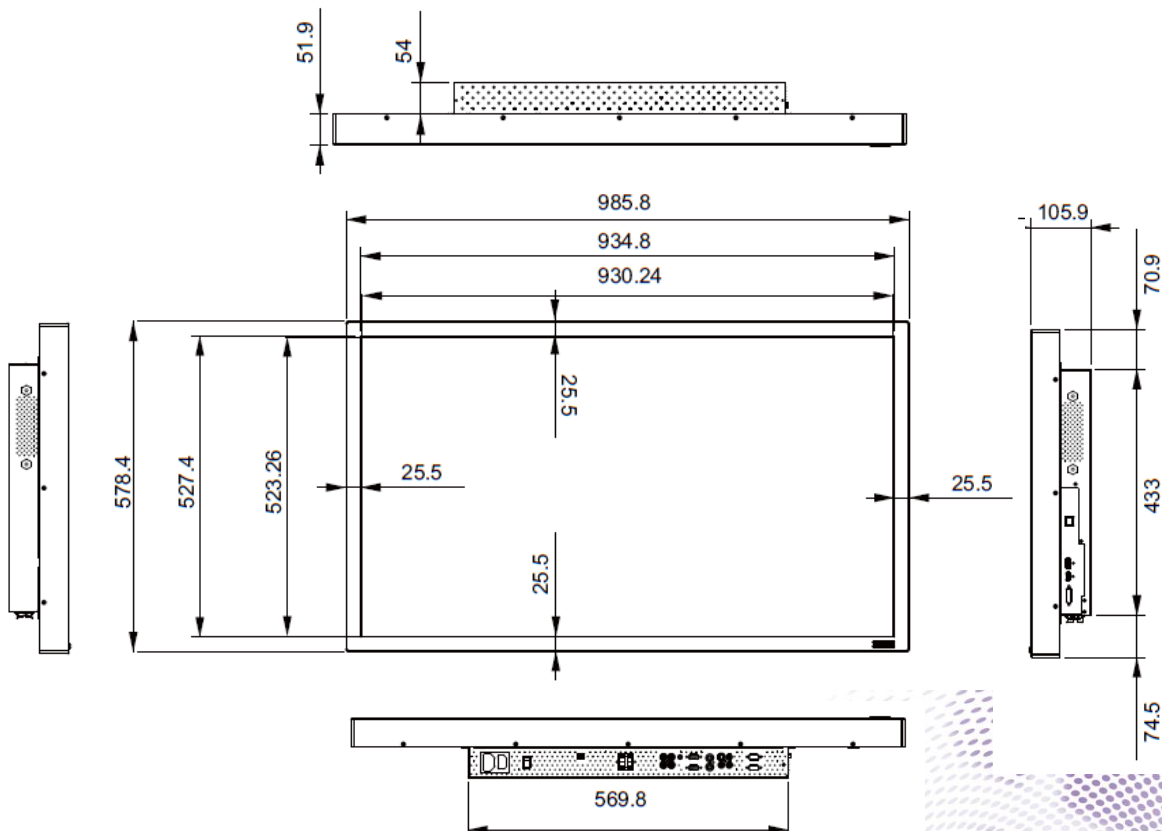
## Mounting

42"/46"

\*Screw type: M6



## Dimension



# Data sheet

