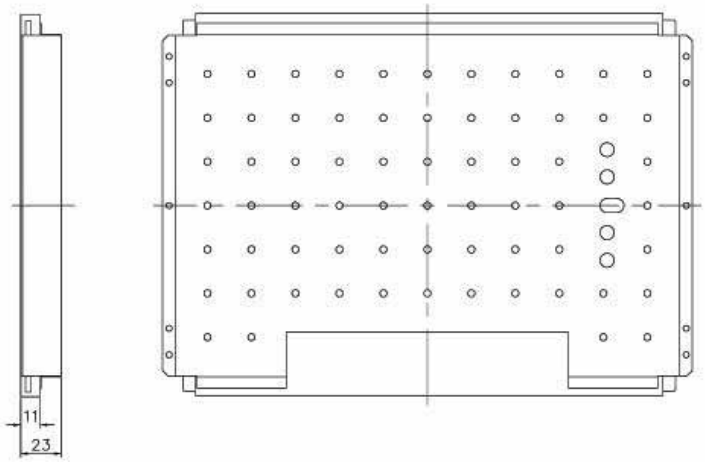
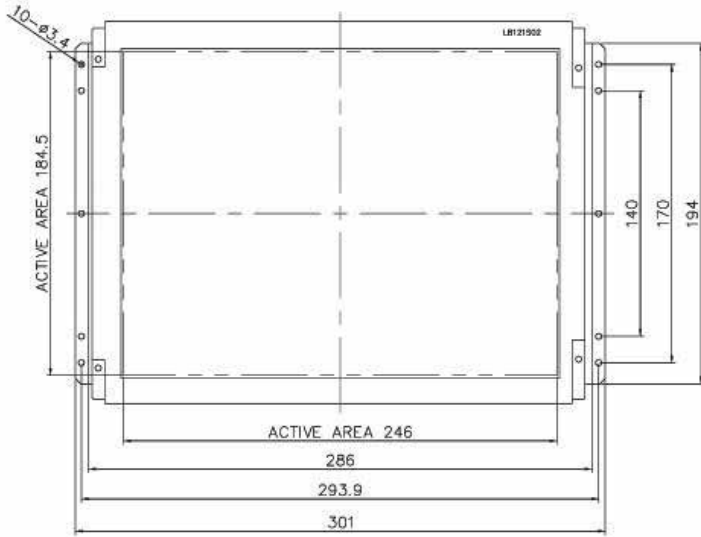


ULP-12109

“12.1” Ultra-Thin Open Frame TFT LCD Display



**LCD Screen**

LCD Origin	Korea
LCD Type	Industrial TFT LCD Panel
Display Size	12.1 inch diagonal (246H x 184.5V)
Resolution	800 x 600, SVGA
Display Color	242,144 color
Brightness	300cd/m <sup>2</sup> (Typical)
Contrast Ratio	200: 1 (Typical)
Pixel Pitch	0.3075 x 0.3075 mm
Viewing Angle	60 / 60 / 40 / 55 (L / R / U / D)
OSD Control	Brightness, Contrast, Phase & Clock, Color, H & V position, Auto-tune & Recall VGA Connector
VGA Connector	D-Sub 15 pin VGA Analog
Video Input	S-Video and RCA Composite (Optional)
LCD MTBF	40,000 hrs
Mounting	Flexible front mount
Dimension	301 (W) x 194.0 (H) x 23 (L) mm
Weight	3 Kg (Net) / 4 Kg (Gross)
Packing	555 (W) x 470 (H) x 90 (L)

**Touch Screen**

Type	Capacitive	Resistive
Thickness	3mm	2.1mm
Light Transmission	85%	85%
Controller Interface	USB / Serial	USB / Serial
Durability	225 Million	35 Million
OS Support	Windows XP, 2000, NT, 98, DOS & Linux	

**External Power Adapter**

AC Input	110V ~ 220V AC Input
DC Input	12V@3.3A Output
AC Cable Length	180cm
DC Cable Length	182cm
Size	108 (L) x 64 (W) x 30 (H) mm
Safety	CE, UL

**Environmental**

Operating Temperature	0 ~ 50°C
Storage Temperature	-25°C ~ 60°C
Humidity	70%, non condensing
Shock	10G peak acceleration (11mec. Duration)
Safety Approval	CE, FCC

**Ordering Information**

Model	Description
<b>ULP-12109</b>	12.1" open frame LCD panel
<b>ULP-12109AV</b>	12.1" open frame LCD panel w/ Video Input
<b>ULP-12109-CAB</b>	12.1" OF LCD panel w/ Cap. touch (USB)
<b>ULP-12109-CAS</b>	12.1" OF LCD panel w/ Cap. touch (Serial)
<b>ULP-12109-5WB</b>	12.1" OF LCD panel w/ 5 Wire Res. touch (USB)
<b>ULP-12109-5WS</b>	12.1" OF LCD panel w/ 5 Wire Res. touch (Serial)
<b>ULP-12109-IRB</b>	12.1" OF LCD panel w/ IR touch (USB)
<b>ULP-12109-IRS</b>	12.1" OF LCD panel w/ IR touch (Serial)
<b>ULP-12109AV-CAB</b>	12.1" OF LCD panel w/ Video, Cap. touch (USB)
<b>ULP-12109AV-CAS</b>	12.1" OF LCD panel w/ Video, Cap. touch (Serial)
<b>ULP-12109AV-5WB</b>	12.1" OF LCD panel w/ Video, 5 Wire (USB)
<b>ULP-12109AV-5WS</b>	12.1" OF LCD panel w/ Video, 5 Wire (Serial)
<b>ULP-12109AV-IRB</b>	12.1" OF LCD panel w/ Video, IR touch (USB)
<b>ULP-12109AV-IRS</b>	12.1" OF LCD panel w/ Video, IR touch (Serial)

\* All information change without any notice