operating time support/brightness level

Professional panels used for this series are quality confirmed to operate 24 hours a day without any issues. Offering virtually limitless operation, these high quality screens come with brightness levels of 700 Nits, which make them ideal for harshly lit environments.

SoC Content management

Designed with quad core SoC technology (System on Chip), these displays can be used as digital signage monitors for both offline and cloud-based managed content. This means that you can rely on various content management systems to help display your advertising.

OPS support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.

Signal failover

In the event of a "No signal scenario", you can count on our SoC software to keep your content on display. If the USB accidentally unplugs, the display will either show your customized banner or search for another signal from other sources.

Scheduler

Digital Signage Monitor Software provides many important features, such as the Scheduler function, which remotely turns your display on and off at whatever time you pre-select. With this feature, you'll never have to worry about the status of your displays again.

Longer life span

Ideal for 24/7 use, our Professional Panel Display series offers longer-lasting operation, coming with a MTBF (mean time between failures) of 100.000 hours.

Built-in connectivity

This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to their wireless capabilities, the displays can easily gather content without any external device. Moreover, their WiFi connection enables you to use Miracast for screen sharing.

Display support

With a LAN connection, you can use RS232 commands to update your displays from anywhere and at any time. You can change/set the volume, turn the monitor on/off or set a schedule for content display. Using RS232 control, you can also set a webpage for display or create a wide range of commands in real-time.
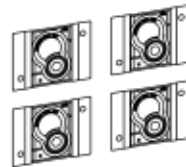
Components

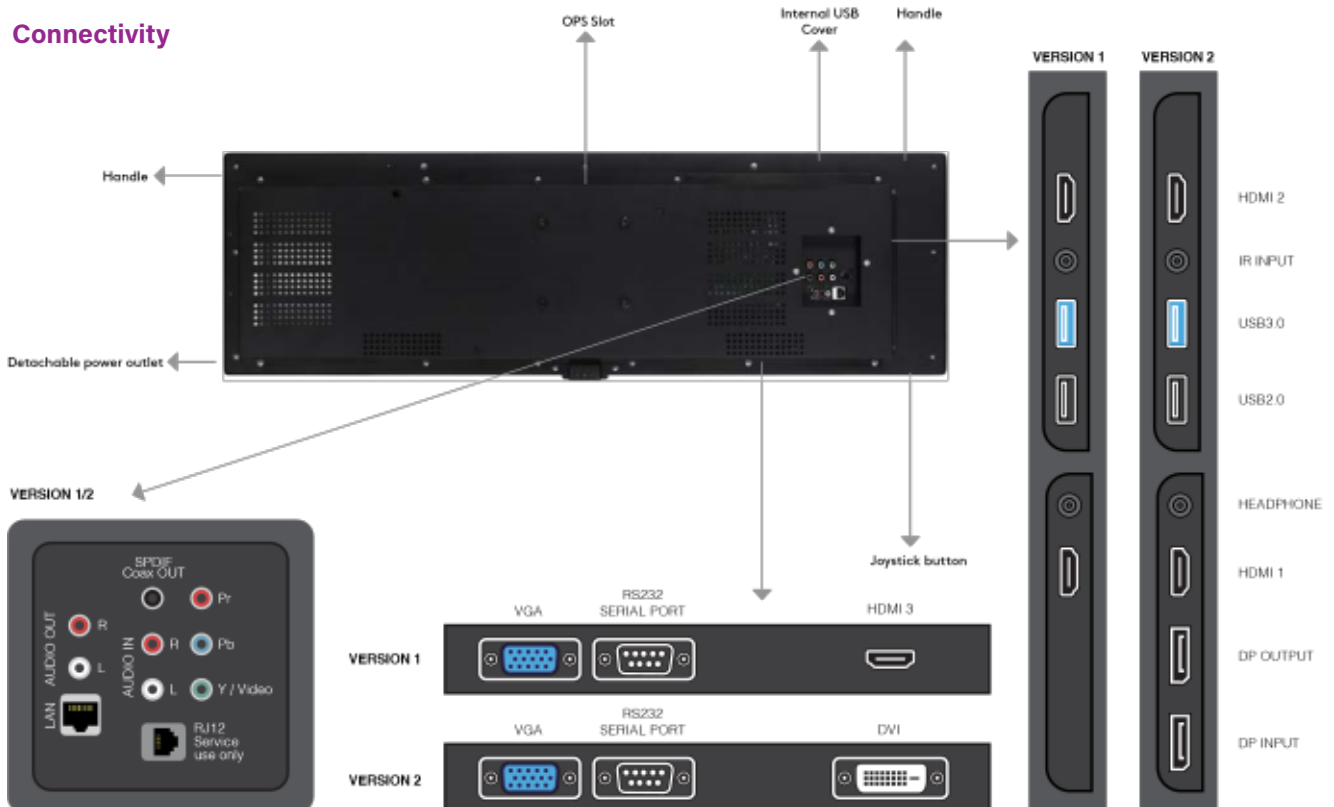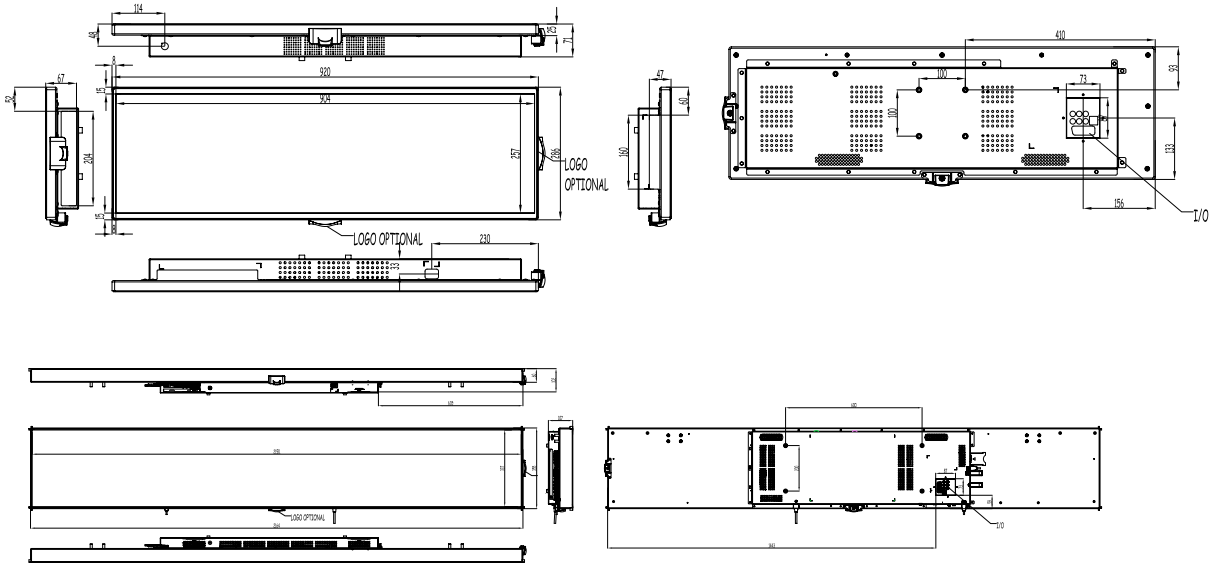| Quick start guide | Instruction book | Wall mounting kit | IR extender | Batteries for remote controllers | Remote controler |

Connectivity

Streched Displays

NB37U34/5

NB86U34

	NB37U34/5	NB86U34
Panel		
Mainboard Model	MB120DS	MB120DS
H-Freq	67.5 KHz	135 KHz
Max. Pixel Freq.	78 MHz	78 MHz
V-Freq	60 Hz	60 Hz
Size	37"	86"
Backlight Type	D-LED	D-LED
Panel Technology	IPS	IPS
Panel Type	24/7 PID Panel	24/7 PID Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Landscape/Portrait	Landscape/Portrait
Resolution	1920 x 540 (32:9) - FHD	3840 x 600 (58:9) - UHD
Active Area	900mm (H) x 254mm (V)	2150mm (H) x 337mm (V)
Brightness (Typ.)	700 cd/m2	500 cd/m2
Contrast Ratio	4000:1	1000:1
Active Contrast Ratio	1M:1	1M:1
Backlight lifetime (Min.)	50.000 Hrs	50.000 Hrs
Viewing Angle	178°	178°
Response Time (G to G)	8 ms	8 ms
Colour Value	8-bit, 16.7 M Colours	10-bit, 1.07 B Colours
Areas of Usage	Indoor	Indoor
Inputs		
HDMI	2	2
HDMI Support Type	2.0	2.0
Display Port Type	1.2a	1.2a
DVI	Optional	Optional
Analogue D-SUB	Yes	Yes
USB 2.0	1	1
USB 3.0	1	1
Internal USB 2.0	Yes (W/Screw Lock)	Yes (W/Screw Lock)
USB Support Type	Photo/Video/MP3	Photo/Video/MP3
RS232	DSUB	DSUB
RJ12	Service use only	Service use only
LAN (Control)	Yes	Yes
Remote Extender	Yes	Yes
Mini Jack (Audio)	No	No
RCA (L/R)	Yes	Yes
YPbPr	Yes	Yes

	NB37U34/5	NB86U34
Outputs		
HDMI	Yes	Yes
DisplayPort	Yes	Yes
DVI	No	No
Mini Jack (Audio)	Yes	Yes
RCA (L/R)	Yes	Yes
Speakers	Yes	Yes
Speaker output	2x8W	2x8W
Headphone	Yes	Yes
Subwoofer	Yes	Yes
Mechanical features		
Size	920 mm (H) x 286mm (V) x 71mm (D)	2164 mm (H) x 355mm (V) x 107mm (D)
Shipping Size	-	-
Weight	-	-
Shipping Weight	-	-
Mounting Size	100 mm x 100 mm	600 mm x 200 mm
Bezel Width	8 mm (R/L) - 15mm (T/B)	7 mm (R/L) - 9mm (T/B)
Working conditions		
Temperature Conditions	0°C to +40°C	0°C to +40°C
Humidity	10-90%	10-90%
Generagl features		
Buttons	Joystick	Joystick
Internal USB Cover	Yes	Yes
Detachable Power Cable	Yes	Yes
Ease of Carrying	Carrying slot / handle	Carrying slot / handle
Speaker	2 x 8 W	2 x 8 W
Power		
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption (Deep StandBy)	<0.5W	<0.5W
Power Consumption (On Full Load)	120 W (max)	-
Accessory		
Included	QSG, IB, Power Cord, Remote Control, RC Battery, IR Extender, Mounting Kit, Extention Brackets	QSG, IB, Power Cord, Remote Control, RC Battery, IR Extender, Mounting Kit, Extention Brackets
Certifications		
EMC/Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011 +A2:2013 IEC 60950-1:2005+A1:2009+A2:2013 EN 300 328 V2.1.1 EN 301 893 V2.1.1 EN 301489 - 1 V2.2.0 EN 301489 - 17 V3.2.0 EN 55024:2010 EN 55024:2010/A1:2015 EN 55032:2015 - CLASS A EN 61000-3-2:2014 EN 61000-3-3:2013 EN 62311:2008 EN 50581:2012 / EN 62321-1:2013	

* Specifications and features are subject to change without prior notice.