

## 60" Ultra Slim Bezel Model Specification

Model name		Ultra Slim Bezel Model PN-V601	
LCD Panel	Screen size	60" (Diagonal : 152.4cm)	
	Maximum resolution	1,366x768	
	Maximum No. of colors	16.77 Million (8bit)	
	Dot pitch	0.97275mm	
	Maximum brightness	Max : 700cd/m <sup>2</sup> (Default : 500cd/m <sup>2</sup> )	
	Minimum brightness	≤ 200cd/m <sup>2</sup>	
	Contrast ratio	3000 : 1	
	Viewing angle	Horizontal 176/Vertical 176(CR≥10)	
	Color reproduction range	NTSC ratio 72% (CIE1931)	
	Screen active area	1328.8 × 747.1mm	
	Double frame drive (120Hz/100Hz)	NO	
	Response time	6ms(Gray to Gray, Ave.)	
	Brightness uniformity	≥85% (Brightness of darkest points divided by Brightness of brightest point out of specific 9 points)	
Anti Glare	Haze value 42%		
Backlight	White LED		
Backlight lifetime	≥50,000H (Horizontal/Vertical installation)		
Computer Input	Video	Analog RGB(0.7Vp-p) [75Ω], Digital (conforms to DVI 1.0 standards)	
	Synchronization	Horizontal/Vertical separation (TTL: Positive/Negative), Sync-on -green, Composite sync (TTL: Positive/Negative)	
	Plug & Play	VESA DDC2B	
	Power Management	VESA DPMS, DVI DMPM	
Video System		NTSC(3.58[NTSC-M])/NTSC(4.43)/PAL/PAL60/SECAM	
Input terminals	PC analog (D-SUB)	YES(1)	
	PC analog (BNC)	Optional (PN-ZB02)	
	DVI-D	Optional (PN-ZB02) : for PC/AV signal	
	HDMI	YES(1) (HDCP compliant, PC/AV signal)	
	Composite video (BNC)	Optional (PN-ZB02)	
	Component (BNC)	Optional (PN-ZB02)	
	S-Video	Optional (PN-ZB02)	
	Audio(φ 3.5mm mini stereo jack)	YES(1)	
	Audio(RCA L/R)	Optional (PN-ZB02)	
	RS232C	YES(1) : also usable for daisy chain control of remote controller	
Output terminals	φ 3.5mm mini stereo jack	YES(1) : input terminal for optional control kit	
	DVI-D	Optional (PN-ZB02) : HDCP compliant	
	Audio(RCA L/R)	YES(1)	
	Speaker out	Optional (PN-ZB02) : 10W+10W, 6Ω	
I/O	RS232C	YES(1) : also usable for daisy chain control of remote controller	
	LAN port	YES	
Functions	Screen adjustment	Auto (clock, Phase, H-Pos/V-Pos)/Manual	
	Gain control	Auto (Black level, Contrast)/Manual	
	Digital scaling (Expansion)	YES (VGA/SVGA/XGA etc. →1366x768)	
	Digital scaling (Shrinking)	1280x1024, 1920x1200, 1920x1080, 1600x1200 (UXGA)	
	Main user adjustment		Clock, Phase, H-Pos/V-Pos, Black level, Contrast, Color temp (15steps preset+5600K/9300K+User setting)
			Color mode (Standard/sRGB/Vivid), Gamma (1.8/2.0/2.2/2.4/User setting)
			Brightness, Volume, Audio (Treble/Base/Balance), OSD-Pos
			Picture Adjustment (Tint, Color Intensity [PC/AV mode], R/G/B/Y/M/C independent adjustment [AV mode])
	Information	Model No., Serial No., etc	
	Real time clock setting	YES	
	Scheduling function	YES (Time, Day of the week)	
	All reset	YES	
	Reset	Screen/Picture/Audio adjustment setting etc.	
	Adjustment lock	YES (incl. Power button)	
	Daisy chain (DVI-D)		Optional (PN-ZB02)
			Max. 5 units (HDCP compliant) (Splitter needed for more than 6 units)
	Enlarge	YES (Up to 5x5, incl. AV signal) (Signal for reduced image will be enlarged as well based on the original image)	
	Frame Width Adjustment	YES	
	Calibration	YES (Either bundled or via download)	
	Gen lock	NO	
	Frame lock	YES (50±1Hz, 60±1Hz)	
	Portrait / Landscape conversion of displayed image (For portrait installation)	NO	
	PinP / PbyP	YES (PinP: 12 steps) / YES	
	Power on delay	1-60 seconds (with 1 second interval)	
	Auto input change	YES	
	Picture flip	NO	
	Self adjust	YES (PC Analog Input)	
	Log save / out	YES	
	Temperature control	YES (Reduce brightness in case internal temperature becomes higher than defined temperature. Also possible to reduce the brightness of other displays, depending on the settings)	
	Hardware diagnosis	YES (Power supply voltage, abnormality of backlight)	
	Monitor control software support	YES	
	Web browser setting (LAN)	Optional (PN-ZB02)	
	E-mail notification (LAN)	Optional (PN-ZB02)	
	SNMP	Optional (PN-ZB02)	
	Overscan setting (AV input)	YES	
	Image size change function	YES	
	Resolution change function (PC analog)	YES	
	RS-232C communication speed change	YES	
	Conversion of stereo sound to monaural	NO	
	Selection of audio input per image input	YES	
Internal / external speaker switching	NO		
24 hours continuous operation	YES		
Integrated Speaker	NO		
Protective glass	NO		
Remote Control	Option		
Reception unit of Remote Control	Option (Optional unit)		
Indicator LED	Rear side		
Operational button		Rear side	
		Power switch, Input switch, Menu switch, Up/Down/Left/Right switch to be operable with finger	
Mounting (Free mount)	VESA 6 points (Pitch 200mm) / 4 points (Pitch 200mm)		
Vertical Installation	YES		
Tilt Angle	±20°		
Fan	YES		
Power Supply	AC100~240V(±10%)		
Power Consumption(MAX)	480W		
Product lifetime	Target 50,000 hours (24 hours continuous operation under 40°C)		
Energy saving certificate (Revised Energy Start Program)	TBD		
Environmental Conditions	Operating Temperature	0°C~40°C	
	Operating Humidity	20~80% (non-condensing)	
Environmental resistance	Indoor use		
Bezel Width	2.4mm (Bottom, Right) / 4.1mm (Top, Left)		
Dimensions (Display only)	1,335.9mm x 754.2mm x 149.3mm		
Weight	approx. 44kg		
Packing Dimensions	1580mm(W) X 381mm(D) X 932mm(H)		
Packing Weight	approx. 55kg		
Temporary Stand	NO		
Bundled Accessories	AC Power Code(approx. 3m), Operation Manual, CD-ROM, Stand Hole Protection Cover		
Safety standards (Rating label)	VCCI classA, PSE, FCC classA, ICES, UL, cUL, NOM, CE, CB report, CCC, GOST, PSB, C-tick, KSA, Kucas		