

Super Narrow Video Wall Comparison

Model	Samsung 460UT	NEC X461UN	Primeview PRV46LCWLUN
Panel			
Size	46"		
Panel Tech.	SPVA		
Resolution	1366x768		
Pixel Pitch	0.746mm		
Brightness	Max 700cd/m ²		
Contrast Ratio	3000:1		
Active Screen Area	40.1 x 22.5inch		
Connect Input			
DVI	DVI-D input	DVI-D Input	DVI-D Input
RGB1	DSUB-15 input	DSUB-15 Input	DSUB-15 Input
RGB2	RGB BNC (Shared with Compoent)	RGB BNC (Shared with Compoent)	N/A
Composite	RCA input	BNC & RCA Input	BNC input
S-Video	N/A	mini DIN input	mini DIN input
Component	YPbPr BNC (Shared with RGB)	YPbPr BNC (Shared with RGB)	YPbPr BNC
HDMI	HDMI input	HDMI Input	HDMI input
Audio	PC/DVI Audio In, AV Audio In	PC Audio, AV Audio x 2	Optional* (AV Extension B/D)
Control	RS-232 in (DSUB)	RS-232 in (DSUB), LAN (RJ45)	RS-232 in
Connect Output			
DVI	N/A	N/A	DVI-D out
RGB	RGB BNC (Shared with Compoent)	RGB BNC (Shared with Compoent)	DSUB-15 output
Component	YPbPr BNC (Shared with RGB)	YPbPr BNC (Shared with RGB)	YPbPr BNC
Composite	N/A	BNC out	BNC output
S-Video	N/A	N/A	mini DIN output
Audio	AV Audio out (RCA)	RCA out	Optional* (AV Extension B/D)
Control	RS-232 out (DSUB)	RS-232 out (DSUB)	RS-232 out (DSUB)
Features			
Digital Video Daisy Chain	N/A	Optional DVI Chain Board	Default (Analog to DVI chain available)
Heat Control	N/A	Fan speed control / Integrated Temp. Sensor	Fan control / Integrated (Aux) Temp. Sensor
Network Media Play	PC built-in (From 460UTn model)	PC built-in (Optional)	Synchronized Network Media Player (Optional)
Multi Control	RS-232 Daisy Chain	RS-232 Daisy Chain or LAN	RS-232 / IR Control Daisy Chain
Product Usage for Video Wall System			
Product Information	<p>Only one analog chain (loss of video quality)</p> <p>Requires Digital Video MUX for image quality</p> <p>No feature for system protection for heat issues</p> <p>Suitable for simple wall system</p> <p>A lot of equipment and cabling required to build a complex wall system</p> <p>PC based media requires maintenance</p>	<p>Basic wall features are good</p> <p>Based on analog video chaining</p> <p>Additional Cost required for digital chain</p> <p>Good system protection features for heat protection and sensing</p> <p>PC based media play requires maintenance</p>	<p>Dedicated design for video wall system</p> <p>Each analog source has its own output</p> <p>All video sources can be chained via digital signals</p> <p>No signal loss by digital chain</p> <p>No additional cost for chaining</p> <p>HD Network Media Player based (Low cost)</p> <p>Synchronized multi-video clip play</p> <p>NMS for media play & scheduling</p> <p>Good system protection features including heat sensors both internal and external as well as fan control, system shutdown etc.</p>