

# PRV105INLCD

#### 105" 5K Resolution 21:9 Aspect Ratio LCD Touch Display

**Format** - The ultra-wide form factor optimizes team collaboration for increased productivity while reducing meeting fatigue.

**Expanded Real Estate** – Leveraging the 5120x2160 pixel count and bold contrast capabilities, executive leaders can now take advantage of optimal eye-level height of screen placement to viewer ratio

**Return to Work Enabler** – New layout supports hybrid workplace dynamic 21:9 aspect ratio to ensure both in-room participants and remote colleagues are face-to-face across a horizontal plan.

### Features

- 105" true 5K industrial display
- 21:9 Aspect Ratio LCD providing 33% more than 16:9 Displays
- 50-points of touch embedded for single, multi or interactive pen
- Ops Slot (order separately)
- Shipped accessories includes wall mount, power cord and stylus
- 5K Ultra HDMI
- Double The colors With 2 Pens Simultaneously

#### **Applications**

High Tech Interactive Conference Rooms, Digital Signage, Advanced Visualization, Control Rooms, Gaming and Hospitality, Luxury Retail, Higher Education, Corporate, Healthcare, and Industrial.





# PRV105INLCD | Technical Specification

Display		
Screen Size	105″	
Aspect Ratio	21:9	
Resolution	5120x2160	
Refresh Rate	60Hz	
Respond Time	6.5ms	
Backlight Type	D-LED	
Brightness (nits)	500 cd/m2	
Contrast Ratio	4000:1	
Colors Bit	1.07 Billion (10 Bit)	
View Area(mm)	2449.92(H) x 1033.56(V)	
Viewing Angle	178°(H) / 178°(V)	
Pixel Pitch	0.4785(H) x 0.4785(V)	

#### Connectivity

HDMI IN	x3 - HDMI2.0, up to 4K (3840x2160@60Hz)	
	x1 - HDMI 2.1 Up to 5K	
HDMI OUT	x1 - Up to 4K (3840x2160@60Hz)	
DP IN	x2 - DP1.4, Up to 5K(5120x2160@60Hz)	
USB 2.0	x1 - Onboard (software update)	
USB 3.0	x6 (x2 Onboard; x2 Top; x2 Front) All USB 3.0 can auto switch to current channel	
USB Type-C IN	x2 PD 20V 5A,Video,Audio,Touch, LAN Network Sharing;Front: PD 5V 3A	
OPS	x1 - OPS Slot with JAE Interface	
Audio In	x1 3.5mm Phone Jack 10w/6Ω Internal Speakers	
Audio Out	x1 3.5mm Phone Jack 10w/6Ω Internal Speakers	
SPDIF	x1 PCM Output format	
RS 232	x1 Baud rate 9600	
RJ45 IN	10M/100M/1000Mpbs	
RJ45 OUT	10M/100M/1000Mpbs	

Touch Spec		
Sensing Type	Infrared Touch Frame	
Touch Tool	Passive infrared pen, Active infrares pen	
Infrared Touch	50 Points	
Interpolation Resolution	32768 (W) x 32768 (D)	
Touch Accuracy	±1mm	
Response Time	less than 5ms	
Output Driver Type	HID Standard	
Writing Height	Up tp 2mm	

Power Requirements100~240 vAC, 50/60 HzPower Consumption w/OPS410WMax Power Consumption580WStandby Consumption<0.5WOperating temperature0 ~ 40°cStorage temperature-20°c ~ 60°cOperating humidity10% ~ 90% RH Non-CondensingStorage humidity10% ~ 90% RH Non-CondensingOperating altitude<5000mOperating altitude<5000mOperating humidity10% ~ 90% RH Non-CondensingOperating altitude<5000mOperating Neury/Day18 Hours × 7 daysMTBF30,000 HoursStructure98" x 44" x 4" 2507 x 1130 x 103 mmDisplay Net Weight91.4 Kg / Ibs 201Package Size* (WxHxD)105" x 51" x 11" 2668 x 1305 x 280mmPackage Gross Weight119.5 kg / Ibs 264Bezel Size(U/D/L/R)U/D: 27.3, L/R: 27.3Housing ColorSilver/BlackVESA1000 x 400mmVESA ScrewM8 Screw Hole x25 mmAccessoriesx1Touch Penx2Power Cordx1Wall Mountx1 (Complete Set) OPS UnitOPS Unit2.1Speaker2x16W + 1x15WSound Channel2.1Speaker86 dBMicrophonex8Coperating SystemsAndroid 13RAM86ROM646CPUA76x4 + A55x4	Environment		
Power Consumption w/OPS410WMax Power Consumption w/OPS580WStandby Consumption<0.5WOperating temperature0 ~ 40°cStorage temperature20% ~ 80% RH Non-CondensingOperating humidity10% ~ 90% RH Non-CondensingStorage humidity10% ~ 90% RH Non-CondensingOperating altitude<5000mOperating altitude<5000mOperating altitude<5000mOperating Numi/Day18 Hours × 7 daysMTBF30,000 HoursProduct Size (WxHxD)98" x 44" x 4" 2507 x 1130 x 103 mmDisplay Net Weight91.4 Kg / Ibs 201Package Size* (WxHxD)105" x 51" x 11" 2668 x 1305 x 280mmPackage Gross Weight119.5 kg / Ibs 264Bezel Size(U/D/L/R)U/D: 27.3, L/R: 27.3Housing MaterialAluminum/Metal plateHousing ColorSilver/BlackVESAScrewVESA ScrewM8 Screw Hole x25 mmAccessoriesx1Touch Penx2Power Cordx1Wall Mountx1 (Complete Set) (OPS UnitValido2.16W + 1x15WSound Channel2.1Speaker2x16W + 1x15WSound Pressure level86 dBMicrophonex8System VersionAndroid 13 RAMRAM86 ROMROM64G	Power Requirements	100~240 vAC, 50/60 Hz	
w/OPS580WStandby Consumption<0.5W		410W	
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OPS Unitx1 (See Spec)AudioSound Channel2.1Speaker2x16W + 1x15WSound Pressure level86 dBMicrophonex8Operating SystemsSystem VersionAndroid 13RAM8GROM64G	Power Cord	x1	
AudioSound Channel2.1Speaker2x16W + 1x15WSound Pressure level86 dBMicrophonex8Operating SystemsSystem VersionAndroid 13RAM8GROM64G	Wall Mount	x1 (Complete Set)	
Sound Channel2.1Speaker2x16W + 1x15WSound Pressure level86 dBMicrophonex8Operating SystemsSystem VersionAndroid 13RAM8GROM64G	OPS Unit	x1 (See Spec)	
Speaker2x16W + 1x15WSound Pressure level86 dBMicrophonex8Operating SystemsSystem VersionAndroid 13RAM8GROM64G	Audio		
Sound Pressure level86 dBMicrophonex8Operating SystemsSystem VersionAndroid 13RAM8GROM64G	Sound Channel	2.1	
Microphonex8Operating SystemsSystem VersionAndroid 13RAM8GROM64G	Speaker	2x16W + 1x15W	
Operating SystemsSystem VersionAndroid 13RAM8GROM64G	Sound Pressure level	86 dB	
System VersionAndroid 13RAM8GROM64G	Microphone	x8	
RAM 8G ROM 64G	Operating Systems		
ROM 64G	System Version	Android 13	
	RAM	8G	
CPU A76x4 + A55x4	ROM	64G	
	CPU	A76x4 + A55x4	

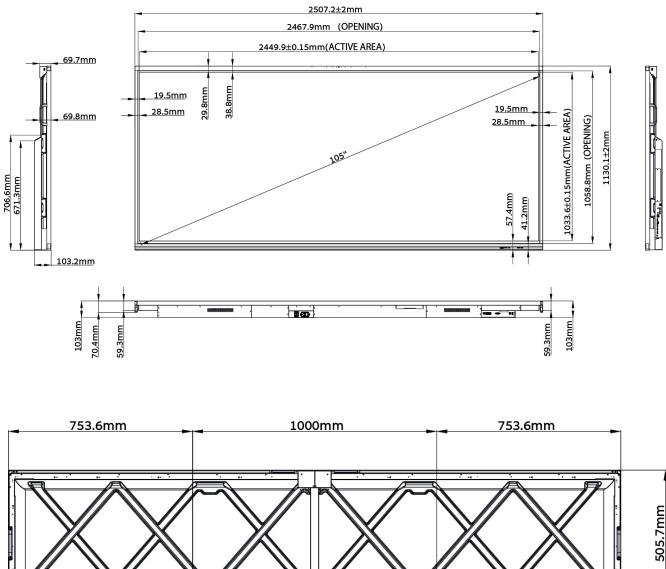




## PRV105INLCD| Mechanical Drawing

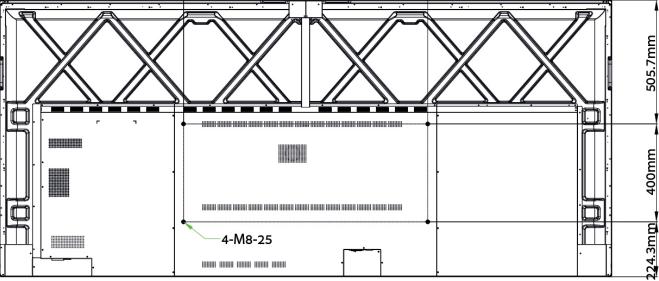
PRIMEVIEW





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