



The Portal

Collaborate Room-To-Room, Realistically

Remote meetings should be more than heads in boxes; instead feeling more connected and human.

The Portal, Noro's immersive communication system powered by Nanolumens direct view LED display technology, creates a sense of true presence, enabling teams work together naturally, across distance, without compromise.

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- Create Life-size Presence
 - Maintain Eyeline Perspective
 - Reduce Travel Costs
 - Encourage Free Movement
 - Capture Body Language
 - Combat "Zoom Fatigue"

ELEVATE YOUR MEETINGS. ENERGIZE YOUR TEAMS.

The Perfect Pairing

Noro believes that technology should bring people closer, not push them apart. With this mantra at the forefront, Noro developed The Portal platform, combining expertise in human-centered software, product design and hardware engineering, for an experience that transforms how people connect. Nanolumens helps organizations captivate audiences and create a lasting impact with bold, immersive and long-lasting, displays. For The Portal, Nanolumens designed the ideal-sized free-standing, high-resolution, LED video wall display equipping it with three built-in cameras, strategically placed to deliver the most realistic virtual meeting experience on the market.



Solution Includes:



Direct View LED Display



Multi-Year Warranty



Video Processor



Supervision, Education & Training



Intelligent Spatial Camera System

Display Specifications	
Specification	Details
Manufacturer	NanoLumens
Series	NXT
Pixel Pitch	1.2 mm
Display Type	Cabinet
Total Cabinets (W × H)	30 (5 × 6)
Brightness	600 nits
Refresh Rate	3840 Hz
Lifetime	≥ 100,000 Hours
Physical Specifications	
Specification	Details
Display Size	9' 10 13/16" × 6' 8 7/16"
Total Display Depth	2 1/8"
Visible Display Area	65.39 sq ft
Visible Display Diagonal	11' 10 1/2" (142 1/2")
Display Resolution	2400 px × 1620 px
Display Aspect Ratio	13.3:9
Display Weight	441.8 lbs (6.8 lbs / sq ft)
Processing	
Specification	Details
Controller	NovaStar H2
Rack Units (Per Unit / Total)	2U / 2U
Sending Card	H_16xRJ45 + 2× Fiber
Data Transfer	Ethernet Cable
Data Redundancy	None
Primary Data Runs	6
Color Depth	8-bit
Frame Rate	60 Hz
HDR Support	No
Power	
Specification	Details
Working Voltage	120 V, 47–63 Hz
Power Runs	5
Power Circuits	5
Circuit Amperage	15 A
Energy Usage	
Specification	Details
Power Consumption (Max.)	3,645 W (55.7 W / sq ft)
Power Consumption (Avg.)	1,094 W (16.7 W / sq ft)
Heat Transfer (Max.)	12,436 BTU/h
Heat Transfer (Avg.)	3,731 BTU/h

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Designed for Real Spaces

The Portal can be deployed into existing meeting rooms or new collaboration environments. Noro works directly with facilities teams, architects, and AV integrators to ensure optimal acoustics, lighting, sightlines and spatial proportions—because presence is shaped as much by the room as by the technology.

Room Requirements	
Specification	Details
Room Size (Min.)	16.1' W x 18' D x 9.2' H (4.9m x 5.5m x 2.8m)
Electrical	2x 15A circuits at 120V (or 2x 13A at 240V)
Network	Hardwired Cat5e or Better, IPv4 or IPv6 Routing (100 Mbps Fiber Recommended)
Lighting	3000K–7000K Color Temperature Minimum 120 foot-candles

Installation & Deployment

All installations are executed by certified AV integrators experienced with enterprise collaboration systems, ensuring every Portal performs consistently and delivers the intended immersive experience from day one. A typical deployment takes approximately two days and includes:

- Site assessment and system planning
- Delivery and installation of display, frame and audio components
- Camera alignment and audio calibration
- Network configuration and system testing
- User onboarding and training

Additional Portal Components



Intelligent Spatial Camera System

Full integrated, triple 4K camera array with 100-degree field of view



Audio

Site-specific, immersive audio components can be specified and supplied by AV integrator



Companion Screen

Separate, smaller collaboration display can be specified and supplied by AV integrator



Visit The Portal

Experience The Portal yourself with a demonstration in Atlanta, Chicago, London, New York or San Francisco. Or request a virtual demonstration.



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