

NCN-Pro

Network Compositor Node



Barco's weConnect solution offers an easy way to achieve a fully functional collaborative learning environment. The system allows students and teachers to bring their own devices to the classroom and share their information, whether it is graphics, video, audio or applications, on the pod displays and the classroom projector.

BYOD is not only about sharing pixels to screens – personal devices are an essential collaborative interaction tool as well. The system therefore comes with interaction option to allow students and teachers to work in groups. Support for quizzes, polls, real-time feedback and silent questions allow all students to be active learners. Teachers are free to walk around with their own device. Which gives full preview and moderation control over the room, pods and sources.

Key features

Wireless presentation with automatic source composition

- Drives up to 4 displays
- Allows 8 sources to be simultaneously shown on all displays
- Can stream display content to other in-room displays or to remote rooms
- Provides thumbnail views on student and teacher devices
- Teachers and students connect wirelessly to the display with MirrorOP and Airplay

Interactivity, Moderation and Collaboration

- Teachers control the displays from a simple web interface (with previews)
- Web interface is compatible with all major operating systems
- Students can only share content on their display by using PIN codes
- Students and teachers interact and collaborate via a web-based cloud application

Integration

- Easy integration in the campus network. Connectivity over multiple subnets
- Automatic EDID management and scaling, the best experience without display adjustments
- Students and teachers use standard network connections for local services and benefit from presentation, interaction and collaboration features

TECHNICAL SPECIFICATIONS**NCN-PRO**

NCN-Pro 210	
salida	4 x DisplayPort 1.2 (4x HDMI a través de adaptadores incluidos)
Red	Intel 10/100/1000 Mbps (conexión 1.000 Mbps preferente)
Audio	HDMI, Mini DisplayPort, jack de auriculares/micrófono, compatible con audio USB
Sistemas compatibles	PC Windows, Mac, Linux, Chromebook, iOS o Android (se aplican limitaciones en algunas plataformas)
Conexión de alimentación	100-240 V, 5-3 A, 50/60 Hz Tip. 124 W máx. 270 W
dimensiones	133 mm x 220 mm x 300 mm 5,24 pulg. x 8,66 pulg. x 11,81 pulg.
rango de temperatura	0° -40 °C / 32° -104 °F
humedad	Máx. 80 % (sin condensación)
nivel de ruido	Máx. 36 dbA (medido a 1 m/32,8 pies de distancia a 22°/72)
Cumplimiento	CE, CB, IEC 609501, ETL, FCC Clase A Id de modelo normativo: NGP-210
Resolución de salida	4096 x 2160 a 60 fps, detección de resolución con EDID
Mezcla de audio	Todas las fuentes con audio se mezclan con estéreo, mix-minus automática para conexiones remotas Emite a conectores analógicos y todos los dispositivos conectados con funciones de audio, incluidos dispositivos USB Entrada mediante entrada jack de micrófono analógica o dispositivos USB con funciones de entrada Procesamiento de audio de 16 bits a 48 kHz, control de volumen individual mediante interfaz de usuario weConnect
Rendimiento de la red	Entrada de ancho de banda máx.: 200 Mbps Conexión de ancho de banda por unidifusión: media de 10 Mbps con ancho de banda máximo de hasta 15 Mbps
Número de fuentes simultáneas en pantalla	8 (máx.)
información de pedido	R9821003F NCN-210 Compositor de red UE R9821003G NCN-210 Compositor de red Reino Unido R9821003B NCN-210 Compositor de red EE.UU.
NCN-Pro 220	
altura	131.5 mm (5.18 in)
anchura	220 mm (8.66 in)
profundidad	305 mm (12.01 in)
peso	5.8 kg (12.79 lbs)
potencia	100V~ -240V~, 8A -4A, 50Hz / 60Hz
consumo de potencia	max. 230W
nivel de ruido	max. 35db(A) at 25°C ambient temperature
Humedad relativa	5% to 80% non-condensing
Temperatura operativa	0°C to 40°C (32°F to 104°F)
Temperatura de almacenamiento	-20°C to 60°C (-4°F to 150°F)
Salida de vídeo	4x DisplayPort 1.4 2x DisplayPort 1.2 1x HDMI 2.0a
resolución	Maximum display resolution digital @ 60Hz: 4x 4096 x 2160 @120Hz, 4x 5120 x 2880 @60Hz
Entrada de audio	1x Line-in/Mic-in Voltage: avg. 1.5 Vrms
Salida de audio	1x Line-out
Puertos USB	5x USB 3.1 (Type A) 2x USB 3.0 (Type A) 1x USB 3.1 (Type C)
conexión de red	2x Gbit (Intel I219LM, Intel I211 AT)

Generado en: 29 Aug 2022

Las especificaciones técnicas pueden estar sujetas a cambios sin previo aviso. Consulte www.barco.com para obtener la información más actual.