

ConX Wall

Multi-Stream HD Video Conferencing
& Data Visualization





Empowered critical communications and decision-making

Making the right decisions for your organization requires accurate information and real-time access to your key employees and partners. With ConX from InFocus there's now an easy, instantaneous way to view and interact with all of your most important information sources at once.

ConX Wall facilitates the large scale visualization of people, data and ideas, making multiple streams of information intelligible and actionable on a video wall with up to 96 displays. Integrating advanced video and information-sharing technologies, ConX Wall enables a level of communication, collaboration, and mission critical decision-making never before possible.

Configure Your Meetings in Real-Time

ConX Wall adapts to any conference room configuration and offers dynamic control of the multi-panel presentation and layout. Use the ConX Wall Unified Control Panel, a touch-based web app, to easily select and arrange all of the content required in your meeting. Change the layout of your video call or data feeds from equal size windows to mix of large and small windows, or change your viewable inputs on the fly.

Seamless Collaboration

By combining multi-party HD video calling with multi-platform data sharing, ConX Wall brings together essential people and information, allowing you to make informed decisions and accomplish more, faster.

- Display and interact with video conferencing participants and video data sources simultaneously
- Conduct business-grade video calls with multiple participants from all types of SIP or H.323 endpoints, including Mondopads, ConX Phones, or systems from Polycom, Cisco, and more
- Join a conference from desktops, laptops, tablets, and mobile devices with a free, full-featured web browser client or mobile app
- Connect with InFocus and 3rd party endpoints via InFocus' cloud-based ConX Video Meeting service
- Full Mondopad integration for dynamic interaction with live, user-created data

Enhanced Content Sharing

Present & share information from wired & mobile devices.

- Wirelessly cast content from Windows, Apple, Chrome, iOS, and Android devices onto the wall and into the conference
- Multiple HDMI inputs for dedicated video data sources
- Compatible with Mondopad and BigConnect applications to display, share, and annotate presentations

Rich Collaboration for Groups of Any Size

ConX Wall is designed to meet a range of high performance needs, from executive suites and boardrooms to training rooms and operations centers. Customizable to almost any size or unique need, ConX Wall enables you to display all of your data sources and HD video conferencing feeds on a wall of up to 96 screens. Whether your situation demands global video conferencing, sharing information simultaneously with remote participants and people in the room, or large-scale critical communications and operations, a ConX visualization system is the solution.



See the Big Picture

Create a visualization system of unparalleled scale with ConX Wall. Comprised of up to 96 HD screens, your ConX Wall can display any combination of up to 20 remote video participants, 108 video data feeds, and making information more intelligible and actionable than ever before.

A Size for Smaller Spaces

Designed for deployment in executive offices, huddle spaces, and small to mid-size conference rooms, ConX Exec adds the power of business-grade video conferencing to a video wall with up to 9 screens. Eight full resolution HDMI capture ports make ConX Exec is a powerful yet simple way to deploy a visualization system.

ConX Wall	ConX Exec
Large conference rooms, operations centers, command centers, training rooms	Executive suites, small conference rooms, huddle rooms
Up to 96 screens	Up to 9 screens
Up to 8 video call local inputs Up to 54 video wall data inputs Optional Quad HD Decoder Cards support up to 108 video inputs	Up to 8 video call local inputs
Up to 20 video call participants	Up to 10 video call participants
Customizable set of accessories may include: MondoCenter, Thunder Speakerphone, PTZ camera, Apple TV*, Miracast*, LiteShow 4, TesiraForte CI	Comes with Thunder Speakerphone and PTZ camera
Available in rack-mounted server configuration	Available in tower PC or rack-mounted server configuration

*Not sold through InFocus

Specifications*

ConX Wall MCU

Video Conferencing	
Video Codec Native	H.264 AVC, H.263, H.263++, DSV
Audio Codec Native	G.711, G.722, G.729
Signaling Protocols Native	SIP, H.323
Encryption Native	TLS, SRTP, HTTPS
Live Resolutions (Transmitted) Native	1080p30, 720p30
Via InFocus Connect	720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Live Resolutions (Received) Native	1080p30, 720p30, 480p30
Via InFocus Connect	720p30, 4CIF, 4SIF, CIF, SIF, QCIF
Data Rate (Transmitted) Minimum	1Mbps at 720p 30fps, up to 4Mbps at 1080p 30fps
Data Rate (Received) Minimum	1Mbps at 720p 30fps, up to 4Mbps at 1080p 30fps
Maximum	48Mbps in multiple video streams
Content Sharing Content In	DVI-D (digital only), over IP
WAN	Broadband IP WAN link (QoS not required)
MCU Video Output	
Mini DisplayPort Output	Up to 16x Mini DisplayPort (DVI adaptors included) - max of four 4x cards per system
Remote Display	Scales shared content from remote participants up to 4K@10fps
MCU Content Input	
Camera In	Up to 3x DVI
Camera Control	1x RS-232P
Local Content Share In	1x DVI
Audio Inputs/Outputs	1x USB
HDMI Inputs	Up to 8 inputs supports real-time decoding of HD or SD streams; supports most popular IP cameras and encoders - max of two 4x cards per system
Other	
Control	IR remote control, optional RF remote with full QWERTY keyboard, web based control, and remote control API
Monitoring	SNMP
Network Interface	Gigabit Ethernet: Supports 10BASE-T, 1000BASE-TX and 1000BASE-T, RJ45 output
Power Supply	1x1000, 100-240V, 3A, 50-60A
Recommended Audio/Camera	For the list of recommended devices, see: http://www.infocus.com/accessories/
Chassis	
Dimensions	4RU, 19 x 21.6 x 7 in. / 483 x 550 x 176 mm
Weight	40 lbs / 18.1 kg
Shipping Weight	60 lbs / 27.2 kg
Operating Range	
Operating Temperature Range	10 to 35° C (50 to 95° F)
Non-Operating Temperature Range	-40 to 65° C (-40 to 149° F)
Operating Humidity Range	20% to 80% (non-condensing)
Non-Operating Humidity Range	5% to 95% (non-condensing)
Regulatory	
EMI/EMC	FCC, VCCI, ICES
Safety	USA: TUV certified; Canada: TUV certified; Europe: TUV certified; China: CCC Certification
Environmental	RoHS compliant

*Product specifications, terms, and offerings are preliminary and subject to change at any time without notice.

Device	
Chassis	PCI Express 2.0 chassis with 7 slots for input or output cards
Quad HD Decoder Input Card (Optional)	
Inputs	Up to 108 inputs in 1 CPU Chassis + 4 Expansion Chassis 1 GigE connection, shared across 4 decoders Supports real-time decoding of HD or SD streams Supports most popular IP cameras and encoders
Dual DVI/RGB/HD Input Card (Optional)	
Inputs	Up to 54 inputs with HDCP support in 1 CPU Chassis + 4 Expansion Chassis
Format	Dual-Link DVI up to 2560x1600, Single-Link DVI up to 2048x1200, progressive scan component HD (480p, 720p, 1080p), and analog RGB with any sync type (composite, separate, sync on green) up to 2048x1200
Pixel Rate	Digital: Up to 270 MHz Analog: Up to 210 MHz
Pixel Format	32 bits per pixel
Windows	4 destination windows per card
Octal SD Video Input Card (Optional)	
Inputs	Up to 216 inputs in 1 CPU Chassis + 4 Expansion Chassis
Input Format	NTSC, PAL
Windows	16 destination windows per card
Octal Video Connection Mode	Dual BNC-F connectors support S-Video or Composite on 1RU 19" rack mount panel with 2 BNC sub-panels Each sub-panel has 16 BNC connectors for 8 Composite or 8 S-Video signals
Fusion Catalyst 4500 Output Card	
Outputs	Up to 96 outputs with HDCP support in 1 CPU Chassis + 4 Expansion Chassis
Resolution	Digital: 640x480 to 1920x1080 pixels per output
Color Depth	32 bits per pixel
Output Signal	DVI-D single-link connector or HDMI connector, depending on configuration
Rack mount CPU Chassis & Expansion Chassis	
Dimensions	3RU - 5.25 x 19 x 25.5 in. / 13.3 x 48.3 x 64.8 cm (H/W/D)
Weight	53 lbs / 24.1 kg
Shipping Weight	75 lbs / 34.1 kg
Operating Range	
Temperature	Operating: 32°F - 104°F (0°C - 40°C) Non-operating: 14°F - 150°F (-10°C - 66°C)
Humidity	10-90% non-condensing
Altitude	Up to 10,000 ft / 3,048.0 m
Electrical	
Redundant Power Supplies	High efficiency (94%) with PMBus and I2C
Input Voltage	100-240 VAC, auto-ranging power supply
Line Frequency	50-60 Hz
Power Consumption	500 Watts nominal per chassis
Regulatory	
United States	UL 60950 listed, FCC Class A
Canada	cUL CSA C22.2, No. 60950
International	CE Mark, CB Certificate, IEC 60950, CCC, VCCI

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InFocus

Connect. Align. Succeed.

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