

# LVC 420

Display video wall controller



- Easy to use CMS with GUI that enables drag & drop
- Integration of baseband & network resources
- Windows-based environment, allowing installation of security software
- Future-proof and upgradeable

Barco's LVC 420 is a standalone video wall controller (powered by Barco's CMS) for monitoring both baseband and networked video sources. It enables customers to capture sources (networked sources, local DVI/HDMI/DP/VGA inputs, and analog video inputs) from anywhere, and display them on a video wall in combination with high resolution images.

#### **Possibility to integrate into networked visualization system**

LVC 420 can be used as display controller running all type of windows based local application and at the same time being part of a Transform N network visualization system, capable of controlling video walls.

NOTE: This product is available in India only.

Product specifications

LVC 420

General specifications	
Operating system	Windows 10 64-bit IoT Enterprise
Software	Any CMS deployment, CMS Basic pkg is advised for standalone use
Processor	Intel® Xeon® Octa core 2.1 GHz Processor (3.0GHz max. Turbo frequency)
Memory	32 / 64 GB RAM
Hard disk	R.A.I.D-1 redundant setup with 2x 1000GB 2.5" HDD Hard disk
Network	2 x 1Gb/s LAN
Graphics card	Up to 4x 4-channel high-performance Graphics cards
Output	<ul style="list-style-type: none"><li>Up to 16 4K Displays with four graphic cards</li><li>Up to 64 HD displays with Barco loop through displays</li></ul>
Input	<ul style="list-style-type: none"><li>Up to 5x 4ch DVI-I input card (supporting resolutions up to 1920x1200 @60Hz)</li><li>Up to 5x 2ch DVI-I input card (supporting resolutions up to 1920x1200 @60Hz)</li><li>Up to 5x 2ch DP1.2 input cards (supporting resolutions up to 4096x2160 @60Hz)</li><li>Up to 5x 8 channel analog video input cards 8bull</li><li>Up to 4x 4ch HDMI (4xHD)</li><li>Up to 4x 1ch HDMI (1x4K)</li></ul>
Streaming video standards	H.264, MPEG2/4, MxPEG, MJPEG, V2D, H.263, VNC, ProServer For all supported codecs see our continuously extended supported encoders reference list
Form factor	4U housing for 19" rack mountable
Power supply	100-240V ,10-5A , 50/60Hz , 800W Redundant Power supply
Temperature range	0° to 35°C   32° to 95°F
Humidity	Max. 80% Rh(non-condensing) @ 40°C
Noise Level	Max. 50dbA (measured at 1m/3.28ft distance at 22°C/72°F)
Regulation Compliance	UL, CB, BIS,FCC,CE ,IEC 60950, IEC 62368 Regulatory Model Name: P420_2
Available models	Freely configurable models R983842001 Configurable options

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