

UniSee Present for Windows (UPW-420)

Application-focused controller for small & medium video wall setups



- **Preinstalled Layout Manager software**
- **Large Windows 10 desktop up to 32 M-pixel**
- **High-end graphics acceleration**
- **Up to 4 x 4K UHD outputs**
- **Local application support via HDMI-inputs**
- **Power redundancy**

UniSee Present for Windows UPW-420 is a compact and cost-effective video wall controller perfectly suited for visualizing Windows-based applications and/or locally connected HDMI inputs on a Barco UniSee or other LCD video wall up to 16 displays large.

UPW-420 comes with a pre-installed application suite, making it very easy to visualize your desired content on the video wall. You can activate your layouts with a single click inside a browser page. Furthermore, the unit is designed to facilitate a straightforward integration inside your Windows IT domain, and is easy to setup and to maintain afterwards.

Bringing content to your wall was never easier

Windows 10 based applications can be easily visualized on your video wall. Videos, photos, PowerPoint slides, web pages or physically connected HDMI sources: just select them, define the position and save it as your desired video wall layout.

Saved layouts can at any time be activated on the video wall by means of single click inside a web page from your PC or tablet.

Carefully selected hardware for optimal visual performance

Any high-quality video wall needs a high-quality controller to offer the perfect visual experience 24/24 for many years. UPW-420 is an optimized and fully validated hardware to enable the best possible viewing experience for your Barco UniSee wall.

Product specifications

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General specifications

Operating system	Windows 10 64-bit IoT Enterprise		
Software	Layout Manager, Frame-grabber source player		
Supported content types for Layout Manager	<ul style="list-style-type: none"> ■ All VLC media player supported video & photo file formats: MPEG-x, H26x, JPEG, GIF ... ■ Web pages via Chrome browser ■ Microsoft Office file-formats via Word, Powerpoint, Excel, Skype for Business (conditional to MS Office being installed on the UPW appliance by the customer) ■ Adobe Reader for PDF-files ■ HDMI sources connected to input cards 		
Processor	Intel(R) Xeon(TM) Processor E5-2620v4 8-core 2.1GHz (max Turbo frequency 3.0GHz)		
Memory	32 GB		
Hard disk	256 GB Solid-State Disk SSD		
Network	1x 1Gb/s LAN		
Graphics card	4 x 4K-UHD channel professional high-performance graphic card		
Form factor	4U 19" Rackmount housing		
Dimensions	482mm (W) x 177mm(H) x 522mm(D) 18.9" x 6.9" x 20.5"		
Weight	19-27kg (24 -32 Kg (approx.) incl. packaging) (depending on configuration)		
Power supply	100-240V, 10-5 A, 50/60Hz		
Power consumption	Typ. 345 W max. 800W (depending on configuration)		
Temperature range	0° -40° C 32° -104° F		
Humidity	Max. 80% (non-condensing)		
Noise Level	Max. 36dba (measured at 1m/32.8ft distance at 22°/72)		
Configurations	UPW-420	UPW-420	UPW-420
	4HD1UHD	8HD2UHD	16HD0UHD
	# of HD-inputs	4	8
	# of 4K-inputs	1	2
Compliance	CE, CB, IEC 609501, UL, FCC Class A, BIS		
Order Information	R983842016	UniSee Present UPW-420 4HD1UHD	
	R983842016B	UniSee Present UPW-420 4HD1UHD US	
	R983842016F	UniSee Present UPW-420 4HD1UHD EU	
	R983842016G	UniSee Present UPW-420 4HD1UHD UK	
	R983842016I	UniSee Present UPW-420 4HD1UHD CN	
	R983842016X	UniSee Present UPW-420 4HD1UHD XX	
	R983842017	UniSee Present UPW-420 8HD2UHD	
	R983842017B	UniSee Present UPW-420 8HD2UHD US	
	R983842017F	UniSee Present UPW-420 8HD2UHD EU	
	R983842017G	UniSee Present UPW-420 8HD2UHD UK	
	R983842017I	UniSee Present UPW-420 8HD2UHD CN	
	R983842017X	UniSee Present UPW-420 8HD2UHD XX	
	R983842018	UniSee Present UPW-420 16HD0UHD	
	R983842018B	UniSee Present UPW-420 16HD0UHD US	
	R983842018F	UniSee Present UPW-420 16HD0UHD EU	
	R983842018G	UniSee Present UPW-420 16HD0UHD UK	
	R983842018I	UniSee Present UPW-420 16HD0UHD CN	
R983842018X	UniSee Present UPW-420 16HD0UHD XX		

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