





iBX440 Video Walls Made Easy



IBX440 Front view



IBX440 Back view



IBX440 top view



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CONNECTORS & PORTS

Video USB port Serial port Network Power supply	4x HDMI 2.0 3x USB 3.1 10 Gbps, 1x USB 2.0 RS-232 via special RJ45 accessory cable (not included) 2x Ethernet 1GbE, IEEE 802.3ab, IEEE 802.3az. (port 2 reserved for local diagnostics) 12V DC, 84W, lockable
SIZE & WEIGHT Size Weight	Width: 7.90" / 200.8mm, height: 1.62" / 41.2mm, depth: 5.48" / 139.3mm 1.8kg / 3.7lbs
DSOS™ (DIGITAL SIGNAGE OPERATING SYSTEM)	
DSOS™ OS security Optional features	Lightweight, high performance and secured operating system designed for digital signage enabling by default SpinetiX ARYA™ CMS Cryptographically signed firmware packages, Secure Boot Different optional modes of use to be activated on top of the built-in SpinetiX ARYA™ CMS
PLAYER ENGINE	
Layer composition Fonts Content languages Scripting language External data access	Multi-layer, multi-video decoding capability, video with alpha channel, 8K60p 4:4:4 Built-in fonts (including Noto fonts) for any language. In addition, any custom font can be uploaded. Support for TrueType/OpenType fonts HTML5, SVG Tiny 1.2+ JavaScript (ECMAScript 5), jSignage™, WebStorage, XMLHttpRequest AJAX, REST, HTTP/HTTPS with custom certificates or SRP, raw TCP/UDP
FORMATS	
Images Media file formats Video codecs Audio codecs Data feeds	JPEG, PNG, GIF, SVG, PDF/A MPG, MP4, M4V, M4A, MOV, MKV, MKA, WMV, WMA, AVI, VOB, TS, MP3, AAC, WAV Multi-video decoding capable, 8K60p, H.264/MPEG-4 AVC: HP@L5.2, H.265/MPEG-H HEVC: Main 10@L6.1, MPEG-2: MP@HL, MPEG-4: ASP, WM9/VC-1: AP@L3, MJPEG, AV1 Main@L6.1 AAC-LC, HE-AAC, MPEG Layer I, II, III (MP3), WMAv2, AC3, Opus Built-in RSS app, Elementi feeds RSS, ICS, CSV, TXT, custom feeds (XML, JSON, JavaScript)
DISPLAYS	
Video Audio Control Output limitations	Up to 4 fully synchronized outputs, 4K UHD (3840x2160), 1080p (1920x1080), custom resolutions, etc. Up to 8 channel digital audio over HDMI, stereo analog output (line level) Serial port (advanced protocols, accessory required) All displays must have the same orientation and use the same video mode
NETWORK	
Protocols Remote configuration	DHCP, static IP, Zeroconf, IPv4, IPv6, NTP, Bonjour, SSDP, SNMPv1/v2c, HTTP/HTTPS, TLS-SRP, user root certificates, WebDAV, FTP, RTSP, RTP/UDP, 802.1x Built-in HTTP server, HTTPS with user root certificates, RPC
STORAGE	
Internal External	Industrial 128 GB SSD Hard disk (via USB 3.1)
CHARACTERISTICS	
Processor Memory Operating temperature Real-time clock (RTC) Usage IP code Misc.	Intel® Core™ I5-1145G7E RAM: 2x 8GB DDR4-3200 Ambient range 32 - 113°F / 0 - 45°C, Relative humidity 10-90% non-condensing Accuracy ±1 min./month, battery backed Commercial-grade robust, external fan design for 24/7 operation IP30 Mounting brackets included
WARRANTY	
Warranty	3 years included limited hardware warranty, extendable to 5 years

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