



SPEC SHEET

SIGNAGE VIDEOWALL APPLIANCE

MODEL: Six4Ks

HIGH DENSITY DISPLAY

The Six4Ks platform from BlueBox provides a high definition, compact video wall for 24/7 synchronized signage environments. Equipped with 6 Ultra HD 4k outputs, the Six4ks simplifies traditional video wall systems by reducing footprint to a powerful, single condensed 2U appliance. Combined CPU and GPU technologies present users with a generic hardware platform for choice of application. The Six4Ks allows video to be received from the network, local disk or via PCIe. Action the latest graphics technologies to provide an unrestricted video layout design under a familiar Windows or Linux operating platform. The standard AMD Eyefinity driver permits bezel compensation and non-rectangular synchronised screen combinations through 45 degrees. The Six4Ks can be configured for multiple output arrangements using DisplayPort or HDMI.

HIGH DENSITY DECODE

A Six4Ks appliance is optionally supplied with the latest Windows 10 Pro operating system installed and configured. Signage applications can leverage the latest generation i7 desktop processor. Intel Quick Sync framework currently supports H265, H264, MPEG2, MJPEG, VC-1 and VP8 hardware video acceleration. Optionally, use the supplied BlueBox TCP networking interface to open and position a variety of video stream encoded formats and web pages whilst saving and recalling layouts.

HARDWARE PLATFORM

The Six4Ks is a custom industrial hardware platform sourced from long life professional grade embedded components. The customised appliance provides a resistant enclosure for physical durability, thermal optimization and reduced power consumption. Monitor hot plug emulation and active hardware re-drivers are supplied on all Display Port outputs up to 20 metres.

TECHNICAL

Platform	Custom embedded motherboard
Processor	7th Generation Intel Core i7-7700T
Graphics	AMD E9260 Embedded GFX
Display	6 x 3840x2160p 32 bpp at 60 Hz over DisplayPort 1.2
Memory	2 x 4GB Dual DDR4, upgrade options available (Up to 32GB, 2133MHz, 1.2V)
Storage	Supports 2 x 2.5" SSD for RAID configuration
Connectivity	2 x USB 3.0 Ports 2 x USB 2.0 Ports 2 x Gigabit Ethernet NIC Ports 1 x PCIe Slot (x4, Gen 3.0 electric, x8 half height physical)
Software	Optional Windows 10 Pro - 64 Bit – optional BlueBox multimedia scripting interface
Power Supply	250W Internal FlexATX (110V - 240V)
Operating Conditions	0 to 35 °C (32 to 95 °F) - 5% to 90% non-condensing
Storage Conditions	-20 to 70 °C (-4 to 158 °F)
Dimensions	2U Perforated Case: 88 (H) x 482 (W) x 220 (D) mm
Weight	3 Kg MAX
Compliance	FCC / CE / RoHS
Warranty	3 Years (extended available)



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