



## SPEC SHEET

# SURVEILLANCE MULTIMEDIA APPLIANCE

**MODEL: Eight4K**

### HIGH DENSITY DISPLAY

The Eight4K platform from BlueBox provides the ultimate compact multimedia appliance with recording options for 24/7 command and control surveillance environments. Equipped with 8 Ultra HD outputs, the Eight4K simplifies traditional video wall systems by reducing footprint to a powerful 3U appliance. Combined CPU and GPU technologies present users with a generic hardware platform for choice of software application. The Eight4K 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 operating platform. The Eight4K can be configured for multiple output arrangements using DisplayPort or HDMI.

### HIGH DENSITY DECODE

An Eight4K appliance is optionally supplied with the latest Windows 10 Pro operating system installed and configured. Interfaces including DirectX and OpenGL allow user applications to leverage hardware acceleration technology found within the appliances latest generation Xeon desktop processors. NVIDIA Pascal hardware supports H265, H264, MPEG4, MPEG2, MPEG1, MJPEG, VC-1, VC8 and VC9 video acceleration. The multimedia appliance is capable of decoding and displaying a high volume of video IP streams. The Eight4K combines hardware with software decoding, display and recording of IP camera video streams into a single appliance.

### HARDWARE PLATFORM

The Eight4K is a custom industrial hardware platform sourced from long life server grade components. The customised appliance provides a resistant enclosure for physical durability, and thermal optimization. Latest generation dual Xeon processing power provides the balance needed for both hardware accelerated and/or software decoding solutions.

## TECHNICAL

Platform	C621E SAGE EEB Workstation
Processor	Intel Dual Xeon 4114
Graphics	NVIDIA Dual Pascal P-Series
Display	8 x 3840 x 2160p 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 2 x PCIe Slot (x16, Gen 3.0 electric, x16 half height physical)
Software	Optional Windows 10 Pro - 64 Bit – optional BlueBox multimedia scripting interface
Power Supply	1000W Internal ATX
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	3U Perforated Case: 88 (H) x 485 (W) x 415 (D) mm
Weight	4 Kg MAX.
Compliance	FCC / CE / RoHS
Warranty	3 Years (extended available)



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