Mura IPX Video Processor
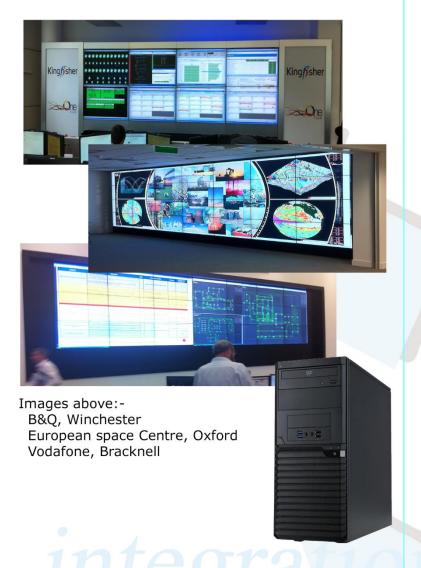
DELIVERING COMPUTING POWER TO THE DISPLAY

Turn your display wall into one giant workstation, with at tool that manages many visual images displaying them across multiple screens with seamless movement across screens. With Mura H264 decoder card it allows streaming of 4K images in 4.4.4 mode giving perfect replication of images.

With the Harp Mura IPX video wall processor users can view up to 128 connected screen sources ' as one' - increasing the number of people who can comfortably view larger amounts of information. The Mura IPX increases the amount of screen real-estate available enabling large computer generated topo graphical images to be viewed in their entirety native resolution that could not be viewed on a single desk top monitor.

The Harp Mura IPX operates on a Windows 10 software platform, and incorporates a sophisticated control manager which allows applications to be launched automatically on alarms, move and resize windows, and select scenarios and salvos on demand. As all screen breaks are handled by the Mura IPX, drawing and window movements from screen block to screen block are seamless and carried out in real time.

The system is easily operated via a user-friendly touch panel, and /or remotely by cursor operation on a PC over the LAN.

Base Windows applications can be run directly on the Mura IPX. Or externally generated PC and UNIX windows can be digitally fed into the Windows environment directly or over the LAN, whilst also allowing video feeds can be super-imposed enabling satellite and CCTV information to be displayed in real time.

Images above:-
  B&Q, Winchester
  European space Centre, Oxford
  Vodafone, Bracknell

HARP
VISUAL COMMUNICTION SOLUTIONS

Technical specification	
Architecture	Intel i7 6100 Core Hype-Threading Technology Intel Q7 chipset for embedded computing 16GB DDR2 SDRAM
Software	Operating System: Windows 10
Graphics Output Card	**Outputs:** 4 ports per card. Max of 10 cards giving ability to drive 40 Screens **Format:** Display Port **Resolution:** 640 x 480 to 3840 x 2160 pixels **Frame Buffer:** 2 Gb **Video Bus:** Inter-card high speed 5Gb/s SIP Bus
IPX Decoder Card	**Codec:** H264MPEG-4 Part 10 AVC, Level 5.2 **Format:** RTP, RTSP<RTMP, MPEG2-TS **Video Bus:** PCIex16 (Gen2) **Window Update:** Real time 25/30 frames per second.
DVI/ RGB Input Card	**DVI/RGB Mode:** 640 x 480 to 3840 x 1960 pixels. **Sample rate:** 170 Mpixels per second. **Sample depth:** 24 bits per pixel in 8:8:8 format **Capture Memory:** 32 Mbytes per channel (updated in real time), triple buffered.
Power Supply	344 Watts 100-240V AC , 50/60 Hz
Audible Sound Level	32dB
Communications	Ethernet RJ45 10/100/1000 Mbps

Physical specifications	
Dimensions	355mm (h) x 190 mm (w) x 292mm(d)
Weight	12Kg
Temperature	Operational +0ºC to + 40ºC Survival -10ºC to + 50ºC Storage -15ºC to + 60ºC
Humidity	Operational 15% to 95%. RH at + 40ºC Storage 15% to 95%. RH at + 65ºC
Safety	EN55022, UL478 FCC reg 151, Class A-EMI/RFI, ISO924-3, CE Approved
Reliability	MTBF 20, 000 Hrs

System Options	
Power Supply	Optional - Dual Redundant PSU Hot Swap
Hard Disk	Optional:- Dual 250GB Hard Drive with option for removable caddy
Ethernet	Optional:- Redundant Ethernet Adapter

Auxiliary Products	
Commandant IP Control Manager	Allows multiple applications to be moved and started from the touch panel
KAM Server	LAN +A1:B28Connection of keyboard and Mouse

Specification subject to change without notice or obligation.

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