

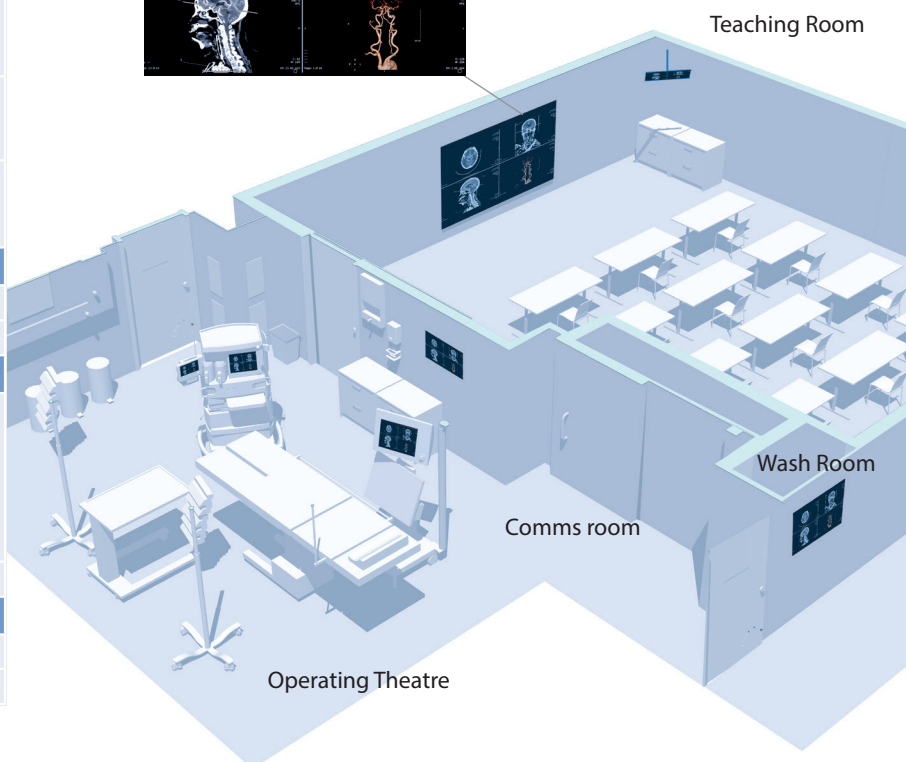
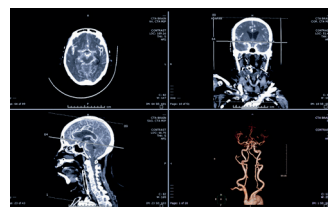


# IP500UHD-TZ - Uncompromised 4K Video over 10Gb Network

## Medical grade 4K video distribution

The IP500UHD-TZ is perfect for medical applications because it provides the highest level of detail, accuracy, and performance necessary for medical professionals to make informed decisions and deliver the best possible care to patients. Latency is critical in medical applications. SDVoE technology is designed to reduce latency, ensuring that images and videos are displayed in real-time, which is crucial for surgeries and other medical procedures.

Kit List		
<b>Operating theatre:</b>		
QTY.	PRODUCT	
5	<b>IP500UHD-TZ</b>	1x set as an encoder for camera directed towards patients face, 1x set as encoder for internal body camera
2	<b>IP500UHD-TZ</b>	set as encoders for life-support equipment (respiratory, vitals, anaesthesia etc)
1	<b>IP500UHD-TZ</b>	set as decoders inside for LFD in theatre - usually on a moveable trolley as might not always be required
<b>Support rooms:</b>		
1	<b>IP500UHD-TZ</b>	set as a decoder on screen in Wash Room
1	<b>IP500UHD-TZ</b>	set as a decoder on screen in Exit Lobby
<b>Teaching room:</b>		
4	<b>IP500UHD-TZ</b>	set as decoders in teaching room next door. 3x LFD's with the capability to display any of the sources - usually, one screen will have multi view of the vitals and patients face, the others will have the operating cameras on full screen.
1	<b>Tablet or PC for system control</b>	
<b>Comms room:</b>		
1	<b>28-port Netgear M4300 10Gb Managed LAN</b>	
1	<b>ACM500</b>	



# IP500UHD-TZ

Uncompromised 4K 60Hz 4:4:4 Video over 10Gb Network

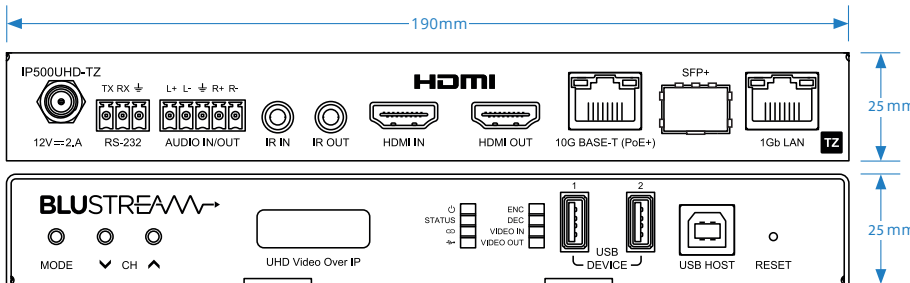


## Key Features

- Advanced 18Gbps UHD Video over 10Gb network with uncompromised video quality and zero latency
- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications.
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- Support fixed signal routing function for IR, RS-232, CEC and USB
- USB end to end/point to point pass-through
- Analogue L/R audio embedding and audio breakout (balanced and unbalanced)
- Bi-directional 10/100/1000BaseT Ethernet pass-through
- Supports bi-directional 5V or 12V IR pass-through
- PoE (Power over Ethernet) to power Blustream products from PoE+ switch
- HDCP 2.2 compliant with advanced EDID management
- Local 12V 2.5A power supply (should Ethernet switch not support PoE+) (power supply sold seperately)
- Features 4 operational modes:
  - Matrix distribution (requires 10Gb network switch)
  - Video wall (requires 10Gb network switch)
  - Multiview mode (requires 10Gb network switch)
  - One-to-one HDMI extender (no network switch required)



## Transmitter - Dimensions



draganddroptv

Drag and Drop TV is the visually simple and practical way to control your IP500UHD system. With virtually no set up or configuration required it's the easy way to deliver intuitive switching control without the added cost of a dedicated control system.

## ACM500 Advanced Control Module



The ACM500 Control Module features advanced third party control of the SDVoE 10GbE Multicast system using TCP/IP, RS-232 and IR. The ACM500 includes a web interface module for control and configuration of the Multicast system and features 'drag and drop' source selection with video preview and independent routing of IR, RS-232, USB / KVM, Audio and Video. Pre-built Blustream product drivers simplify Multicast product installation and negate the need for an understanding of complex network infrastructures.

## Seamless Integration

Integrate your IP500UHD project with the world's leading 3rd party control systems

