AVAS-60

Integrated Mobile Surgical Workstation

Features

- 4K video streaming and archiving video data with remote console
- Near-Zero latency to ensure excellent Hand/Eyes coordination
- Easy plug and play of device to setup OR through optical cable
- Routing and switching from uncompressed video source to monitor
- Multiple video sources can be displayed simultaneously on a screen
- H.265 recording technique enables to save high quality video while conserving storage capacity
- An open API enables user to integrate AVAS product into environment or workflow management system

Specifications

Model			AVAS-60
Base Cart	Dimension	Footprint	525mm x 525mm
		Work surface height	1000mm
		Total height	1860mm
		Angle capacity	85°
		ARM extension	1550mm
Archiving & Streaming System	Video	Input resolution	Up tp 4K UHD (Capture)
		Output resolution	Up to 4K UHD (Graphic engine)
		Compression format	MPEG2, H.264, H.265 (record into HD & streaming out)
	Streaming	Uncompress format	Up to 4 channels (2ch x cameras, 2ch x externals)
	I/O	Video input-I & -II	HDMI 2.0, 3G/12G SDI, DVI-D, CVBS
		Audio input & output	2 (Mic-in/ Line-out)
		Network	4 x 10GbE SFP+, 1 x RJ45 GbE
	Host system	CPU	Intel Core i / Xeon
		Memory	16G
		HDD / SSD	1T 2.5"
Camera	Panoramic view	Output resolution	FULL HD
		Image Sensor	CMOS
		Camera control	PTZ
		Zoom ratio	Optical 12X, digital 12X
	Surgical field	Resolution	4K UHD
		Image Sensor	Exmor CMOS
		Zoom ratio	Optical 12X, digital 12X
Medical Monitor		Display size	2 x 24" FULL HD LCD
Dispatch System		Display size	1 x 10" LCD