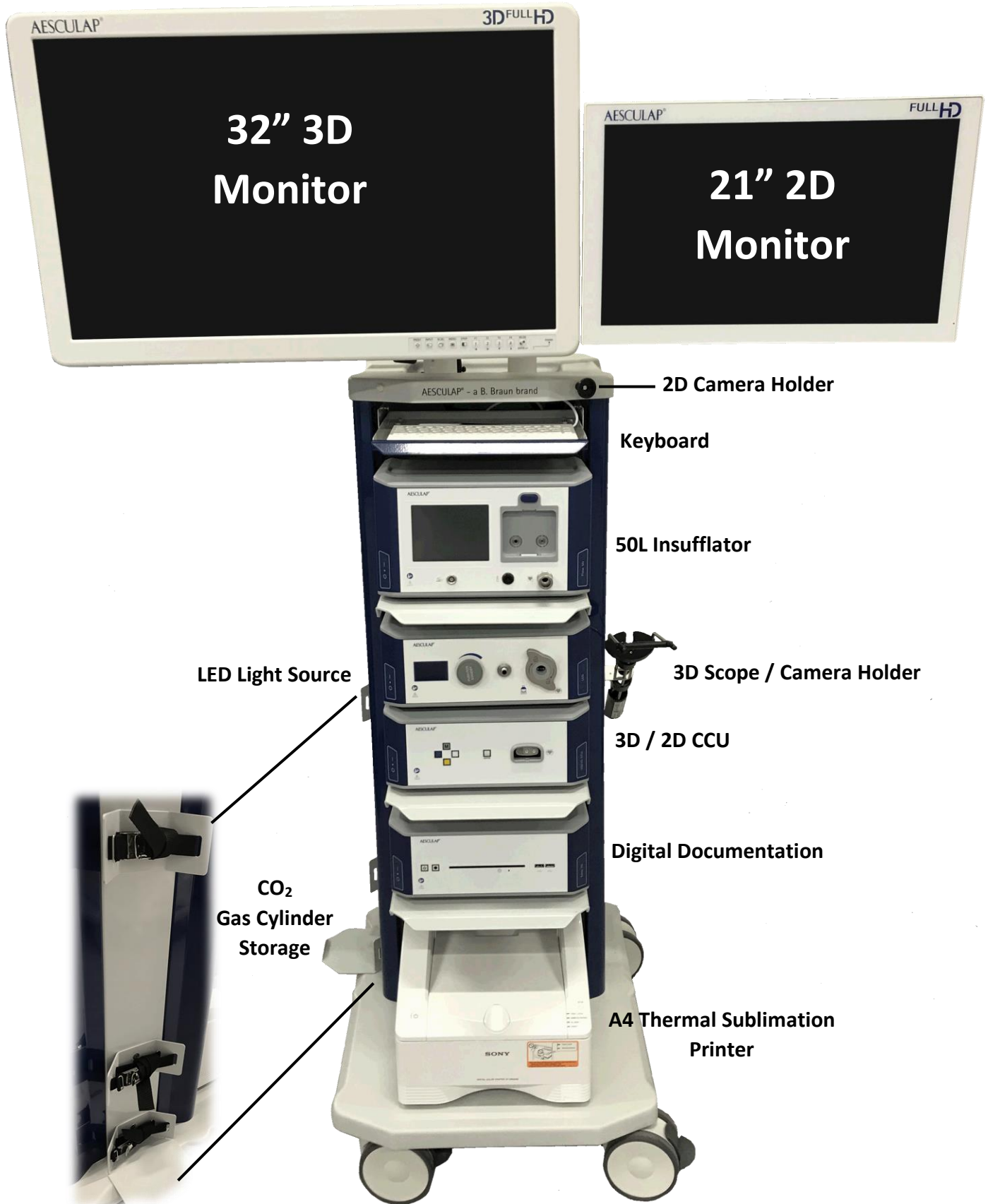
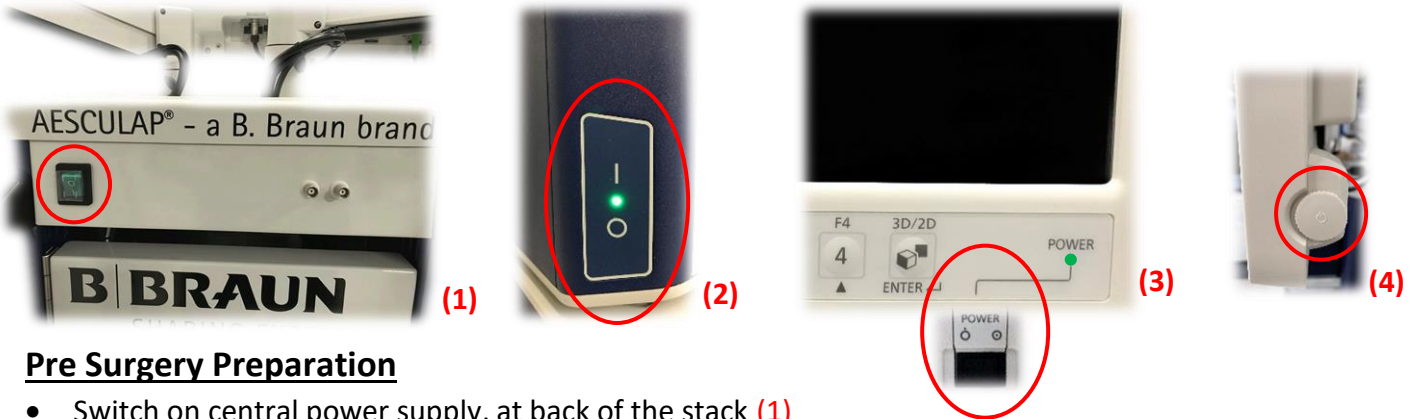


AESCLAP® 3D EinsteinVision® 3.0

Quick System Guide



AESCULAP® 3D EinsteinVision® 3.0 System Set Up

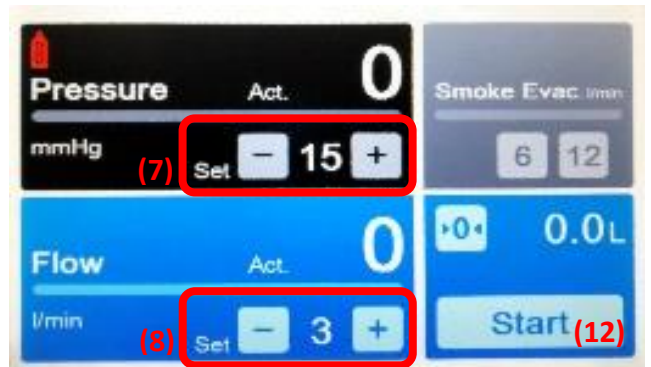


Pre Surgery Preparation

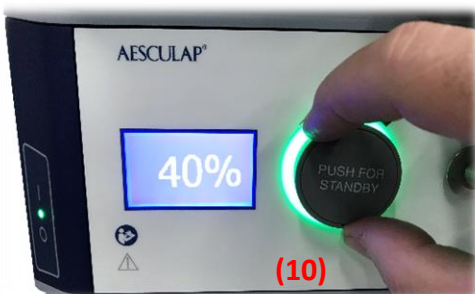
- Switch on central power supply, at back of the stack (1)
- Ensure individual component switches are on (bottom left corner of each unit) :
- Insufflator, Light Source, CCU, Digital Documentation (2)
(On status is indicated by green light and user interfaces will be illuminated, or display menu options)
- Ensure 32" 3D monitor is switched on (Right side of monitor, underneath) (3)
- Ensure 21" touch screen monitor is on
(Circular push/rotate switch on right side of 21" monitor. At the bottom of the monitor) (4)
- Plug in integrated 3D light lead (5) [if using 3D scope]
- Plug in 3D camera head (6) [if using 3D scope]
- Set Insufflator to desired pressure (7) and flow rate (8)

Start of procedure

- Apply sterile sleeve to 3D Endoscope
- Plug in light lead (5) [if using standard 2D scope]
- Plug in 2D camera (6) [if using standard 2D scope]
- Attach standard endoscope [if using standard 2D scope]
- Press light source control to activate (9)



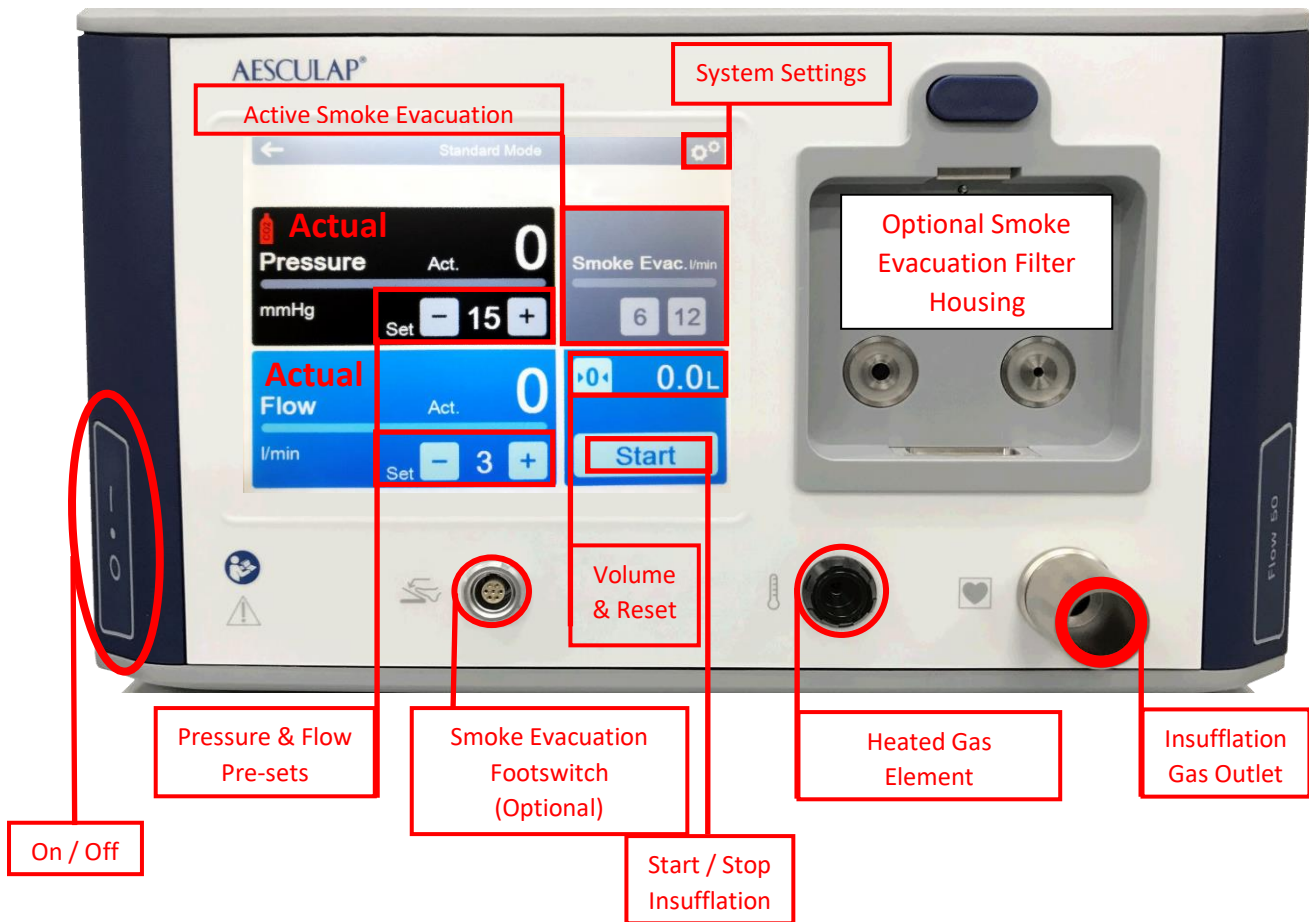
- Adjust light level (rotate Rt / Lt to increase / decrease) (10)
- White balance camera head (3D or 2D*) (11)



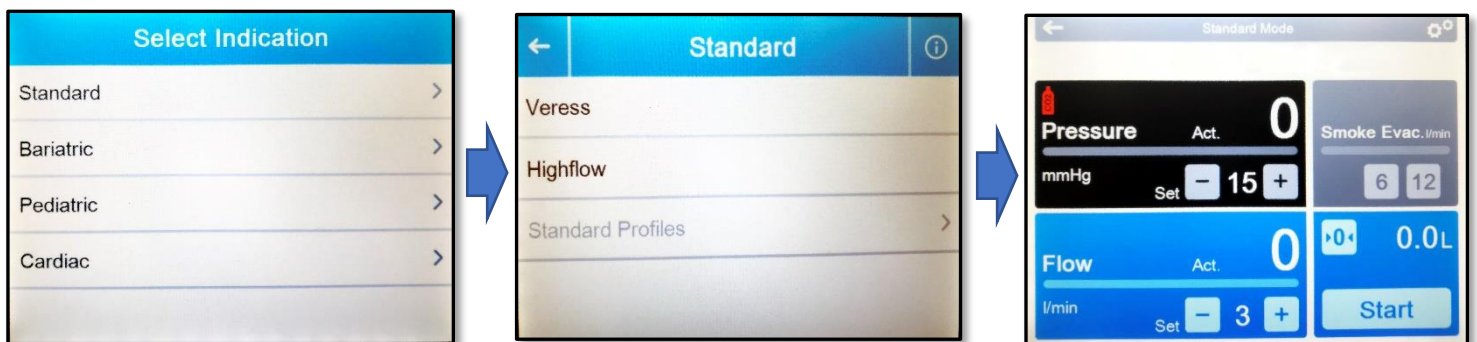
* Attach scope with light lead, if using standard camera head, prior to White balance

- Start insufflator to commence insufflation (12)

AESCULAP® 3D EinsteinVision® 3.0 Flow 50 Insufflator

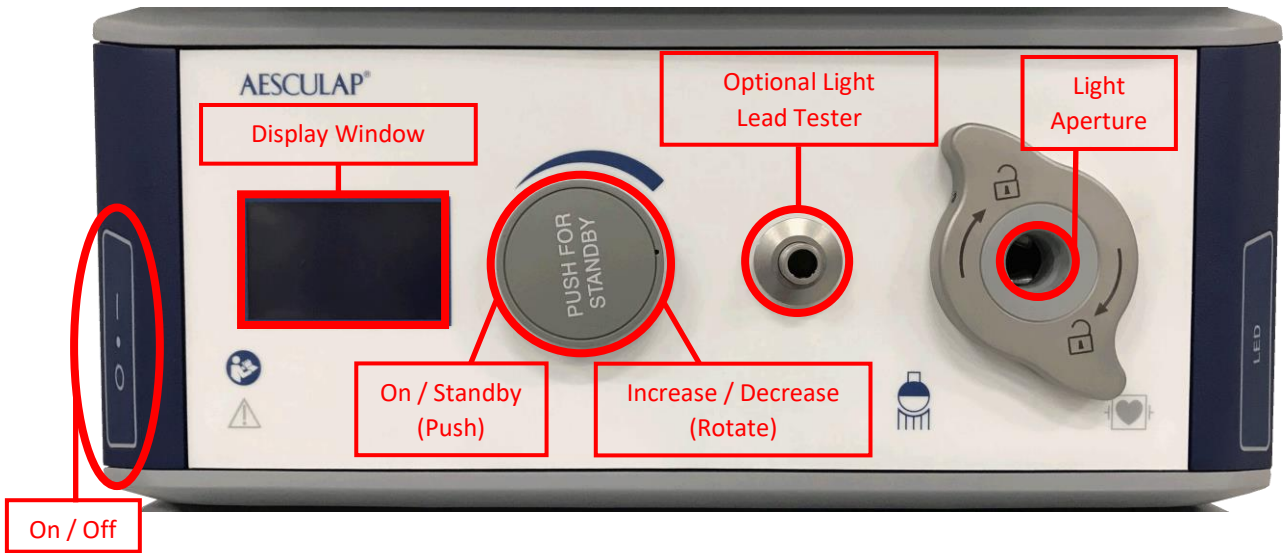


- On start-up - First screen offers surgical specialties
- Select appropriate "Indication" - followed by "Veress" or "High Flow" to move to main screen.
(Cardiac mode has 2 functions - "Vessel Harvesting" or "Field Flooding" (Field flooding is flow only))



- Pre-set pressure can be set up to 30 mmHg
Nb. 15 mmHg is set as the Safety Threshold "**Safety Threshold**" will flash repeatedly
Press + when the safety threshold message has gone off, to take pressure beyond 15 mmHg
- Press and hold the Flow + or - buttons to go between "Low Flow", Medium Flow" and "High Flow"
Low Flow = 3 L/min Medium Flow = 20 L/min High Flow = 40 L/min
- Insufflation is started and stopped using the "Start" button (Bottom Right)
(When insufflation is active, button displays "Stop". Insufflation is stopped by pressing "Stop")
- CO₂ volume delivered is reset by pressing the reset button

AESCLAP® 3D EinsteinVision® 3.0 LED Light Source



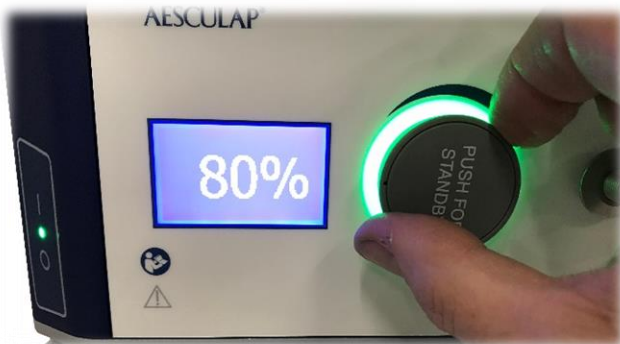
Push light lead firmly into light aperture
(Do not rotate cable release)



Press light source control to activate / Deactivate light output



Rotate clockwise to increase light output



Rotate anti-clockwise to decrease light output

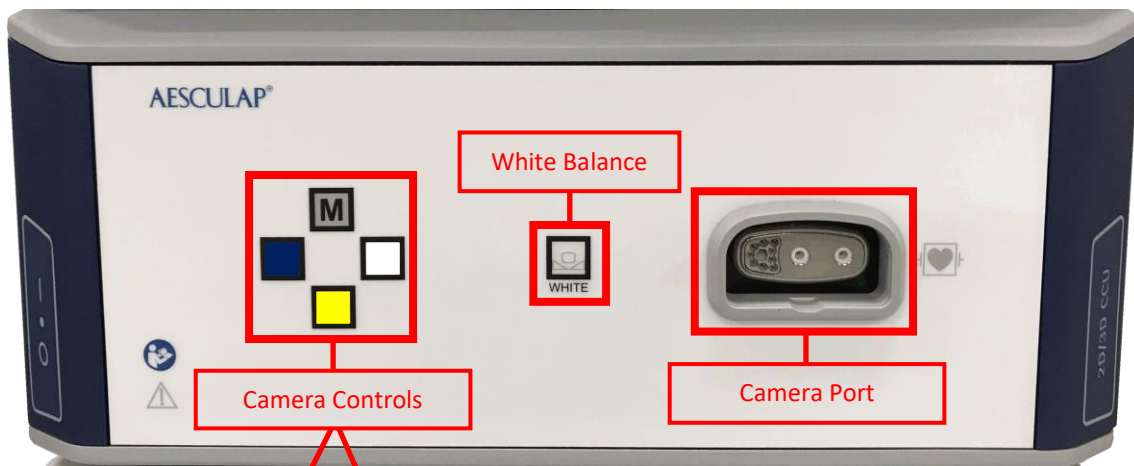


Light source illuminates with green ring around the rotation switch when activated (On)



Rotate cable release clockwise and pull light lead, to remove from light source

AESCULAP® 3D EinsteinVision® 3.0 2D/3DCamera Control Unit (CCU)



Camera Control Buttons replicate the remote buttons on the camera heads

Buttons can be programmed in camera profile settings

CCU buttons always replicate, exactly the same configuration of the respective camera heads

Camera White Balance can be performed from camera head remote button (Rt) or from CCU WB button

Camera head button : Long press white button (> 2sec)

CCU WB Button : Short press (< 2sec)

Long press of CCU white (Rt) CCU control button can also be used to white balance (same as camera head)

3D camera head and standard 2D camera head are easily located into CCU camera portal

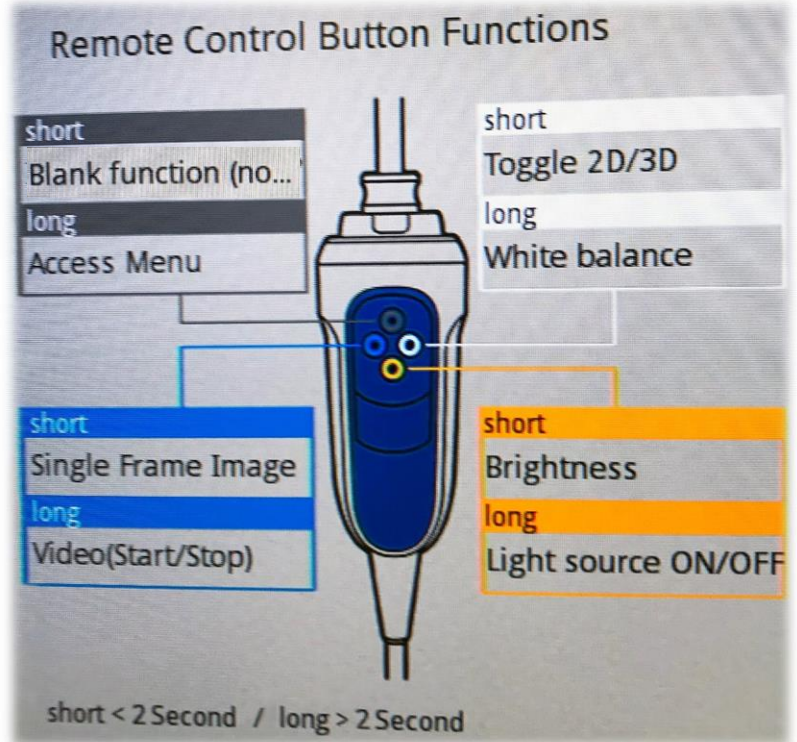
Camera heads can be hot plugged, swapping seamlessly between the different camera types, and without the need to make any system changes, or monitor changes



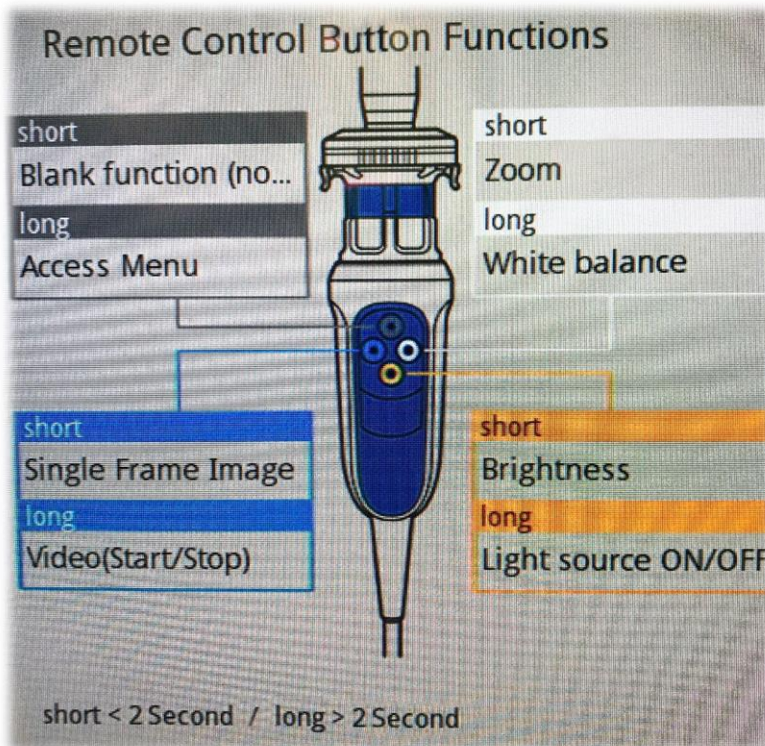
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2D/3DCamera Heads

3D Integrated Camera Head : Button Configuration



2D Camera Head : Button Configuration



AESCULAP® 3D EinsteinVision® 3.0

32" 3D Monitor



- 32" monitor delivers 3D images and 2D images, according to the signal sent to it, without any need to change any settings on the monitor itself
- There is no need to make any changes to the monitor
- **DO NOT MAKE ANY CHANGES TO THE MONITOR SETTINGS**

There is a 3D/2D button on the monitor : **DO NOT USE THIS BUTTON** to swap between 3D and 2D



- Using the 3D/2D button on the monitor to select 2D effectively renders the monitor a 2D only monitor, and regardless what you do on the CCU or the camera head, it will not be possible to view 3D images on the monitor

ONLY USE THE CAMERA HEAD TO SWAP BETWEEN 3D And 2D

DO NOT MAKE ANY CHANGES TO THE MONITOR SETTINGS !!

