

1. Integrated Broadcast (PTZ) Camera with Remote Control with all required cables and connectors

Note: These cameras are required for integrating in the existing classroom installed with Data Video Switcher Model # Data video SE3000

Quantity: 2 Nos

Specifications:

Integrated (PTZ) camera. Wall / ceiling mount, cam with remote operations.	
Image sensors:	Sensor size: 1/3" & above, 3 - CCD/3 – CMOS /3 - MOS, effective pixels: 1920 x 1080
Lens:	14x Optical zoom or better
	Minimum focal length: 6 mm or less
Focus system:	Auto / Manual
Horizontal resolution:	1000 TV Lines
SNR:	50dB
Output format:	1080/50i,576/50i
Pan/Tilt operation speed:	Up to 60°/sec.
Pan range / angle:	±170° or better
Tilting range:	-30° to 90°
Preset positions:	More than 10
Control interface:	Compatible with the control panel below
Video outputs:	HD/SD-SDI
Synchronization:	Internal/External
Power requirements:	To operate at 230 V ±10%, 50 Hz AC (with or without power adaptor)
Remote control panel for camera	
Protocol and interface:	Compatible with camera as mentioned above

Adjustment functions in control panel:	Pan and Tilt (On Joystick for ease of operation) Zoom and Focus (Independent Control) Iris, gain and Pedestal White Balance
	Wall /Ceiling / pole with adjustable length upTo 6 feet
Preset memory:	More than 10.
TALLY and GPI:	Tally input x 5 channels (compatible with vision mixer provided)
	GPI input & output x 4 channels (compatible with vision mix provided).
Power supply:	To operate at 230 V ±10%, 50 Hz AC.

Item # 2 : Tripod - 2 Nos with floor spreader and suitable dolly

Payload	8kg
Counterbalance	FIX
Tilt angle	+90° / -80°
Bubble level	Non illuminated
Camera plate	Sliding plate
Plate attachment	1/4" screw with video pin
Spare screw	3/8" screw
Height	56 to 166cm / 22.0 to 65.5"
Ball diameter	75mm
Section	2STAGE