![SHOTOKU BROADCAST SYSTEMS]

Serial Position Interface
The Heart of Shotoku VR Tracking

The SPI, or Serial Positioning Interface, monitors data from every encoder and sensor and determines the position of the optical center. Information is processed in under 1msec meaning real-time data output to the graphics system.

MODEL	SPI-4 IP	SPI-5
DIMENSIONS	W150 x H145 x D40mm	W140 xH100 x D40mm
INPUT SIGNAL	4-channel (PTZF)	4-channel (PTZF)
GENLOCK SIGNAL	VBS / Tri-level	VBS / Tri-level
OUTPUT SIGNAL	RS-422 1 Port	RS-422 1 Port
	IP Ethernet UDP	
INPUT POWER	DC12V (10~18V)	DC5V
POWER CONSUMPTION	12W	3W
WEIGHT	0.4kg / 0.88lbs	0.4kg / 0.88lbs

Back   Front

SPI-4 IP

SPI-5

SPi-TOUCH
Intuitive Operator-side Origin Point Control

SPi-TOUCH makes it possible to change the position of on-air computer graphics instantly and with ease using a 2-point calibration function right from the camera operator's fingertips. Using intuitive touch-screen user interface controls, operators can now set and re-set the X-Y origin point reference to any position in the studio. Reduce rehearsal and on-air workload and allow for easier fine-tuning of the computer graphics for virtual studios with this simple system.

DIMENSIONS	W120 xH120 x D60mm
SERIAL PORT	RS232 / RS422
OPERATION	Touch screen
SCREEN SIZE	W75 x H55.2mm
	Diagonal 3.8"
INPUT POWER	DC12-24V
POWER CONSUMPTION	Less than 5.0W
WEIGHT	Touch Screen 580g
	Mounting Adapter 420g

Store and quickly recall up to 5 pattern offsets

SH120VR
ENG VR Head

OPTIMUM PAYLOAD	12 - 18kg / 26.4-39.6lbs*	RESOLUTION (PAN)	640,000 counts per 360°
PAN / TILT RANGE	360° / +75°, −60°**	RESOLUTION (TILT)	640,000 counts per 360°
COUNTERBALANCE	Continuously Adjustble	DATA BOX CONNECTIVITY	SPI-4 IP or SPI-5
	Perfect Balance	SUITABLE TRIPOD/CRANE	TTH1002C, TTM1002C,
DRAG	Continuously Adjustable		TK-59VR mini jib crane
	Fluid-Leaf System		
CAMERA FIXING	Sliding Camera Plate		
PAN BAR	Telescopic (PBR100 x1)		
WEIGHT	6 kg / 13.2lbs		
MOUNT	100mm Ball		

Use our lens encoder unit (TY-05) on any non-virtual Canon or Fujinon lens!**

* Available in SH100VR option: Optimum Payload of 8 - 15kg / 17.6 - 33lbs, Tilt Range of +75°,−90°
**TY-05 Zoom / Focus Resolution: 9,600 ~ 15,500 counts (depending on lens), Weight: 0.13kg / 0.3lbs