

SPI-4 IP or SPI-5 and Power Supply Unit (TO-26) provide VR data output to the graphics computer via RS-422 or IP for accurate productions in real time

High-resolution, robust EFP head for virtual studios



Lightweight, two stage column to capture a wide range of shots

Reliable, accurate mechanical encoders offer versatility over infrared sensors or ceiling/floor targets and zero interference with studio lighting configurations

Mechanical X,Y, and Height tracking with unlimited tracking area

TP200VR / 300VR SYSTEM

Two Stage Studio Tracking Pedestal System



The TP200VR/300VR System* offers industry leading VR tracking without compromise in accuracy or ease of operation and does so in a lightweight, cost-effective package. On-air performance is robust, exceeding the most demanding applications thanks to highly-accurate data output to the VR graphics system precisely synchronized to the camera's floor position, orientation and height.

Zoom and focus data are gathered directly from VR-ready lenses or Shotoku's own externally mounted lens encoder units for non-virtual ENG lenses. Pedestal X/Y referencing is initiated using a single, clearly identified hardware push-button and completed by running over a reference tile. Data follows industry standard protocols supported by all leading graphic systems and is sent in a single, combined signal. Minimal user intervention is required, enabling the operator to focus entirely on camera operation.

RESOLUTION (PAN/TILT)	640,000 counts per 360°
RESOLUTION (XY)	0.1mm
RESOLUTION (HEIGHT)	0.05mm
DATA OUTPUT	IP Ethernet UDP and RS422 dual output
POWER INPUT	AC85~250V DC12V (10~18V)
STANDARD CABLE	Head, B.B., VR Data Cable 10m
LENS CABLE**	Zoom/focus data cable for Canon or Fujinon
SPI	SPI-4 IP
2PT CALIBRATION SYSTEM MOUNT	SPi-TOUCH (Optional) M40 Mini Mitchell
SYSTEM MAX PAYLOAD	40kg / 88lbs
PAN / TILT RANGE	360° / ±90°
SYSTEM MAX. HEIGHT	1,754mm / 69"
SYSTEM MIN. HEIGHT	984mm / 38.7"
ON-SHOT STROKE	770mm / 30"
TRANSIT WIDTH	1,015mm / 40"
SYSTEM WEIGHT	114kg / 251lbs
WHEEL DIAMETER	126mm / 5"

Specifications not listed are the same as the TP200

* Available in TE-23VR Option: M70 Mitchell Mount, Max Payload 60kg, Max. Height 1,525mm/5', Min. Height 755mm/2'6"

**Lens encoder unit is available for non-virtual Canon (TY-05C) and Fujinon (TY-05F) lenses.