SHOTOKU
BROADCAST SYSTEMS

Reliable, accurate mechanical encoders offer versatility over infrared sensors or ceiling/floor targets and zero interference with studio lighting configurations
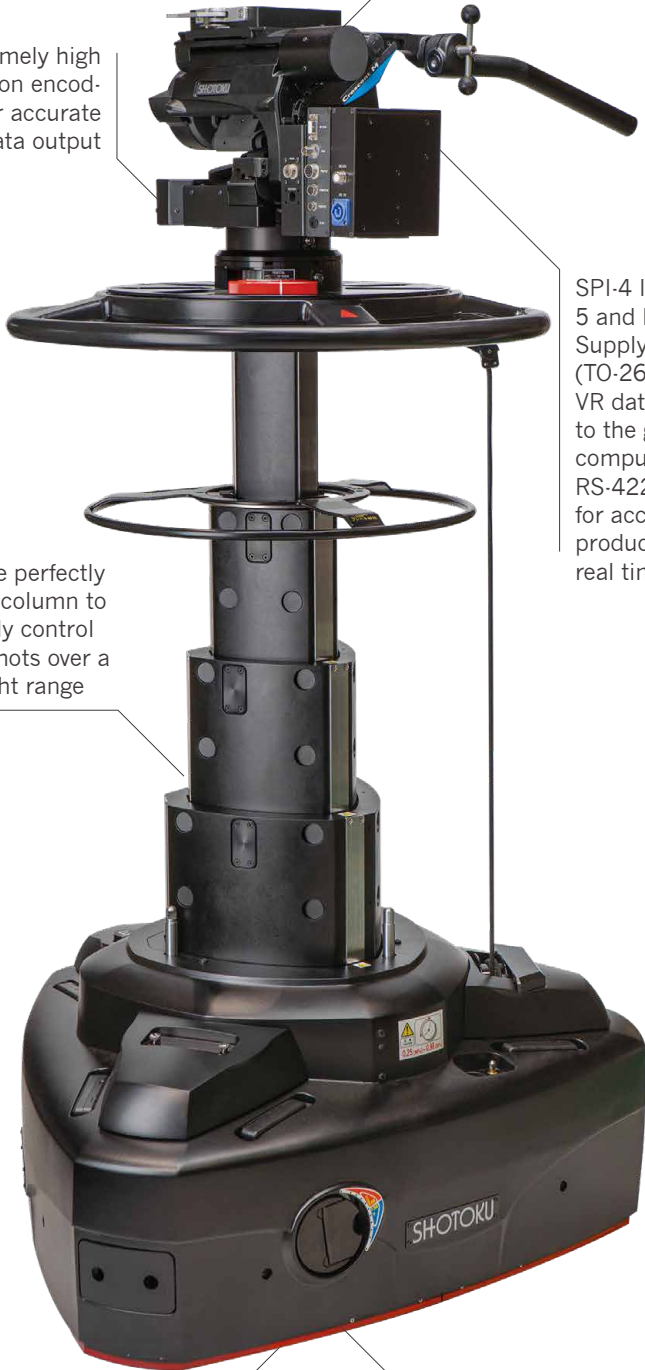
Extremely high resolution encoders for accurate VR data output

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

Four stage perfectly balanced column to effortlessly control smooth shots over a wide height range

Smooth dolly movement

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

TP-80VR/23VR SYSTEM
Four Stage Studio Tracking Pedestal System

The TP-80VR/23VR System* offers industry-leading VR tracking with robust on-air performance exceeding even the most demanding applications.

Pedestal X/Y referencing is initiated using a single 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. Zoom and focus data are gathered directly from VR-ready lenses or Shotoku's own lens encoder units for non-virtual lenses.

Optional SPi-TOUCH

Min. height only 857mm / 33.7"

RESOLUTION (PAN)	800,000 counts per 360°
RESOLUTION (TILT)	640,000 counts per 360°
RESOLUTION (XY)	0.02mm
RESOLTUION (HEIGHT)	0.2mm
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
MOUNT	M70 Mitchell
SYSTEM MAX PAYLOAD	60kg / 132lbs
PAN / TILT RANGE	360° / ±60°
SYSTEM MAX. HEIGHT	1,857mm / 73"
SYSTEM MIN. HEIGHT	857mm / 33.7"
ON-SHOT STROKE	1000mm / 39"
TRANSIT WIDTH	848mm / 33"
SYSTEM WEIGHT	223kg / 491lbs
WHEEL DIAMETER	126mm / 5"

Specifications not listed are the same as the TP-80

*Available in SG900VR Option: Max Payload 90kg, Max. Height 1,842mm/72.5", Min. Height 842mm/33"
**Lens encoder unit is available for non-virtual Canon (TY-05C) and Fujinon (TY-05F) lenses.