

Patent-Pending System

TP500VR / 300VR SYSTEM

Affordable Fixed-Handle Tracking Pedestal



The TP500VR is our most compact and affordable broadcast-grade pedestal for virtual reality and augmented reality studio applications ever. Using proprietary algorithms and high-resolution mechanical encoders, the TP500VR outputs position data in real-time. Careful attention has been given to the mechanical tracking system in order to make virtual and augmented studio technology more affordable than ever while still maintaining the light, portable footprint of the original TP500.

The TP500VR is an ideal choice in today's industry where increasing demands for captivating content in live sports and news challenge broadcasters to bring their production to the next level.



Dolly Interface Box



X-Y Encoder

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	SPI-TOUCH (Standard)
MOUNT	4-Bolt Flat Base
SYSTEM MAX PAYLOAD	40kg / 88lbs
PAN / TILT RANGE	360° / ±90°
SYSTEM MAX. HEIGHT	1,720mm / 67.7"
SYSTEM MIN. HEIGHT	905mm / 35.6"
ON-SHOT STROKE	405mm / 15.9"
TRANSIT WIDTH	860mm / 33.9"
SYSTEM WEIGHT	48kg / 105.8lbs
WHEEL DIAMETER	125mm / 5"

Specifications not listed are the same as the TP500



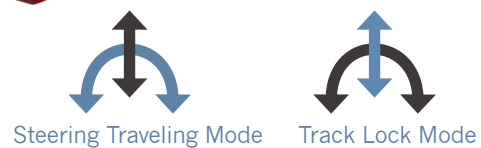
Real-time data output for compelling virtual and augmented sets

SPI-TOUCH included for easy X-Y origin calibration and practical fine-tuning of the CG image locally

Integrated pump for adjustments on location

High-resolution Shotoku mechanical encoders output industry-standard VR data to all major graphic engines

Stand Alone System: Absolutely no external markers, ultrasonic or infrared sensors, or special floor surfaces necessary



The TP500VR is a fixed handle pedestal with two fixed wheels and a single free wheel allowing for smooth dolly shots in both Steering Traveling mode and Track Lock mode.

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