

datavideo



PTR-10 | PTR-10T

Robotic Pan Tilt Head

HDBaseT Robotic Pan Tilt Head

Max. Camera Weight
4kg 24W

Aluminum
Frame

www.datavideo.com

Transform any standard camera into a professional broadcast PTZ camera

PTR-10

Robotic Pan Tilt Head (LAN Controlled)



PTR-10T

Robotic Pan Tilt Head (HDBaseT)

Datavideo's brand new PTR-10(T) is a robotic pan-tilt head that is designed to turn any small to medium sized camcorder or block camera into a PTZ camera. Maximum capacity of 4kg and a power pass-through of 24W. PTR-10(T)'s own weight is 3,4KG, so it can be safely placed on a sturdy tripod or the optional wall mount/ceiling mount. PTR-10(T) can be controlled by IR remote, Datavideo RMC-300C or RMC-300A controller, Datavideo RMC-180 controller, HS-1600T MobileCast studio (PTR-10T*) and VISCA protocol controllers.

*PTR-10T is the HDBaseT version that can be powered and wired with a single CAT cable



Panasonic
Camera

Sony
Camera

Canon
Camera

Wide Range of Compatible Cameras Supported

The PTR-10(T) implements LanC control that is compatible with a wide range of professional video camcorders, allowing you to select the best camcorders for your needs.





Light Weight, Strong, and sturdy design

With a weight of 3.4 kg, PTR-10(T) is built from aluminum alloy, making it a very sturdy base for your camera. It can support cameras up to 4 kilograms.



Diversified Controller Options

Compatible with Serial, Ethernet, and Lanc. DataVideo RMC-180, RMC-300C, HS-1600T series will fit your need.



Cost-Effective

Marketed at competitive price point, PTR-10(T) makes it very affordable to upgrade your studio existing cameras for multi-camera remote productions.



Turn camcorder into PTZ

Control of Pan, Tilt, Zoom. Supports Zoom control of Datavideo block cameras and various brand lens.



Built-in Tally light

With the big tally light in the front to show the status of your camera.

PTR-10/PTR-10T Rear Panel

RS-422 output:
Transmission of signals to the camera

Power out :
DC 12V power supply to the camera

RS-232 output

USB Port :
For firmware upgrade

Tally output :
Delivers tally signal to the camera

SDI Input :
Camera video in

HDMI Input :
Camera video in

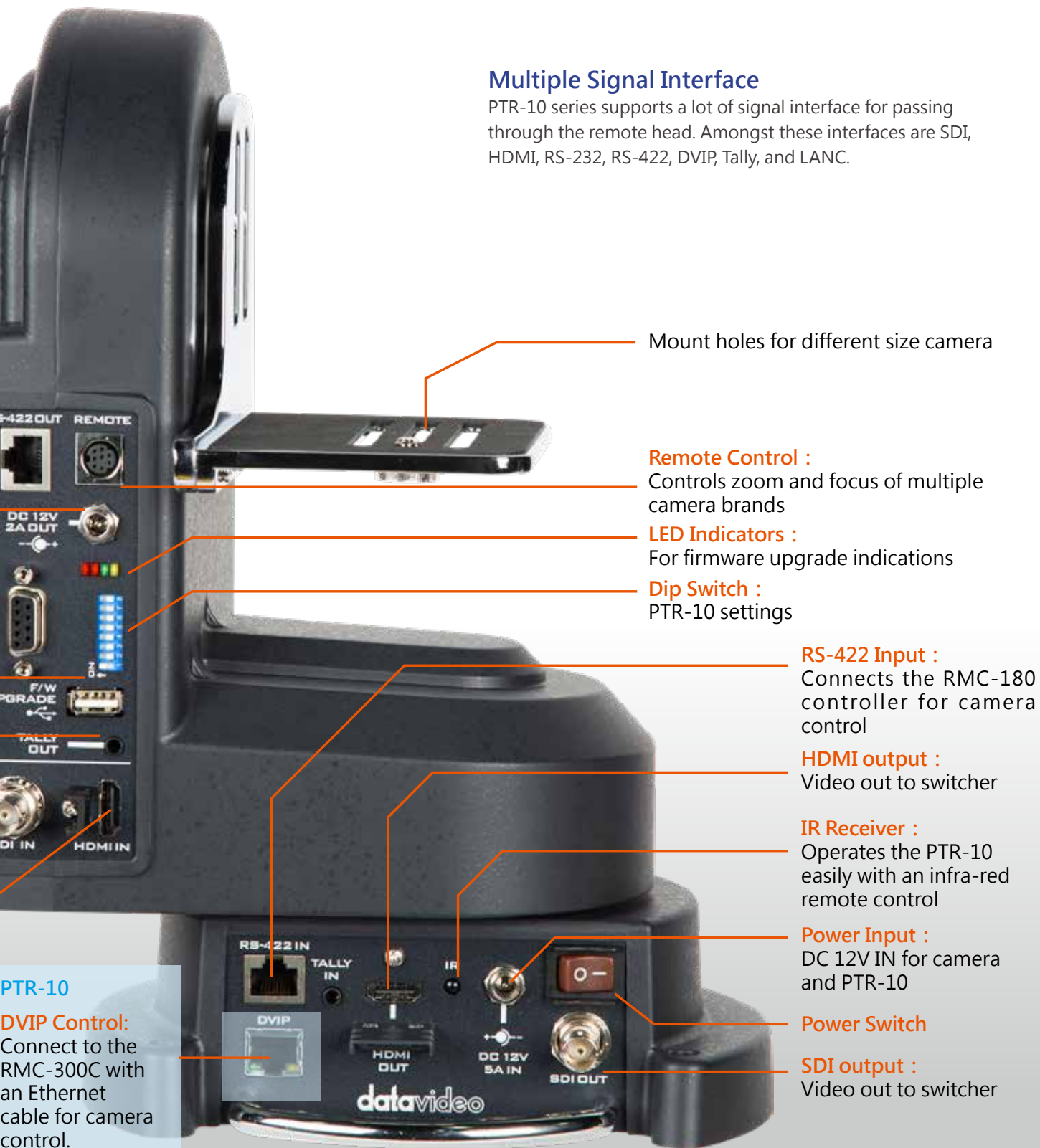
PTR-10T

HDBaseT Control:
Connect to the HS-1600T with an Ethernet cable for camera control as well as video transmission.



Multiple Signal Interface

PTR-10 series supports a lot of signal interface for passing through the remote head. Amongst these interfaces are SDI, HDMI, RS-232, RS-422, DVIP, Tally, and LANC.



Mount holes for different size camera

Remote Control :
Controls zoom and focus of multiple camera brands

LED Indicators :
For firmware upgrade indications

Dip Switch :
PTR-10 settings

RS-422 Input :
Connects the RMC-180 controller for camera control

HDMI output :
Video out to switcher

IR Receiver :
Operates the PTR-10 easily with an infra-red remote control

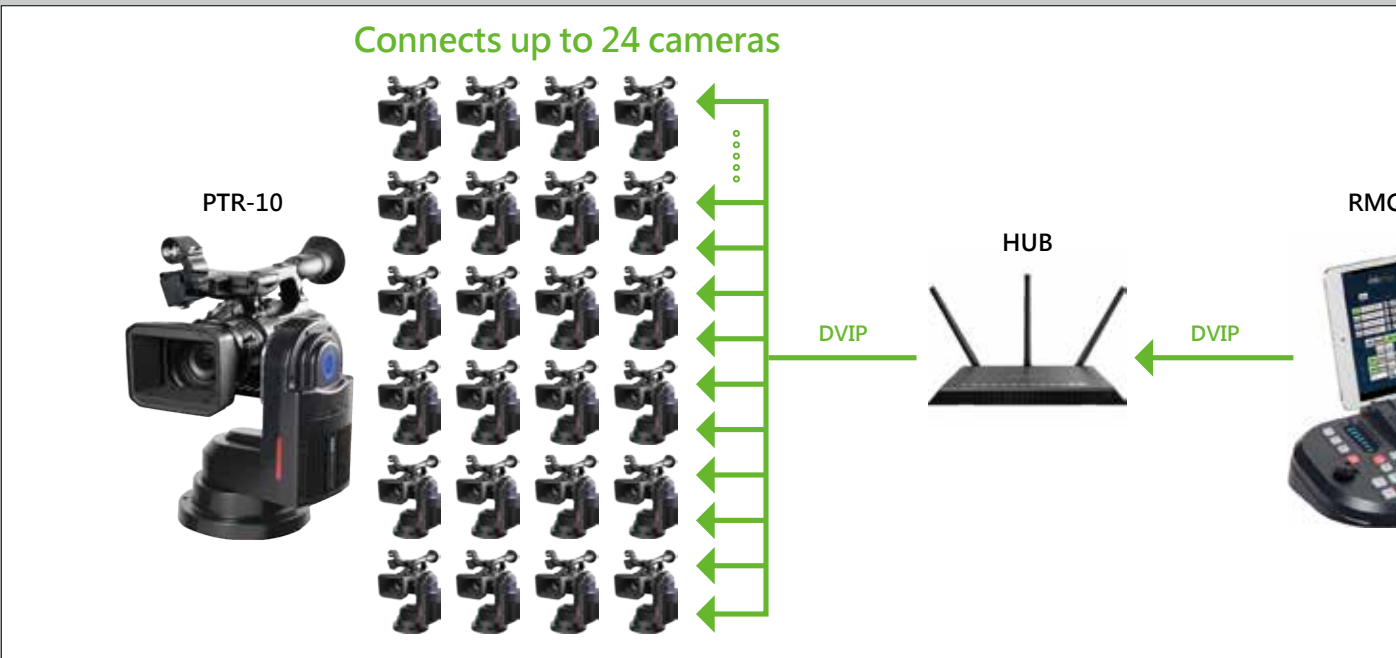
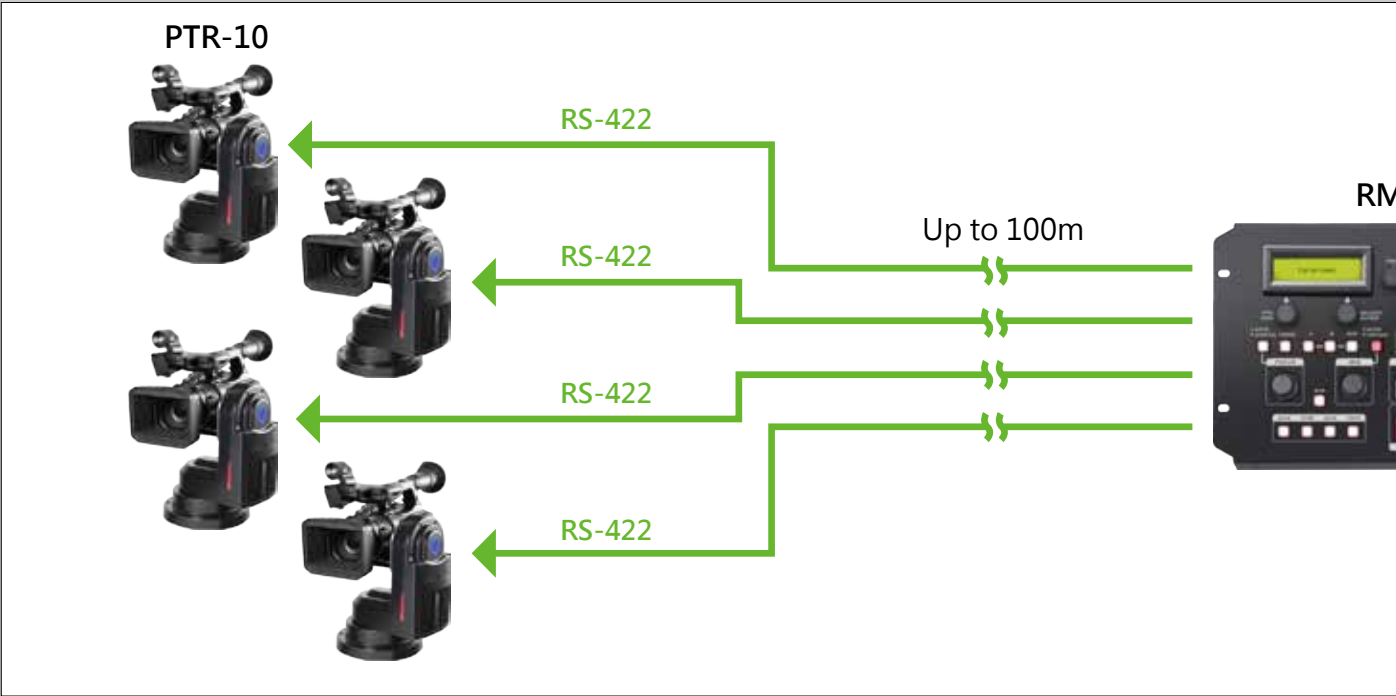
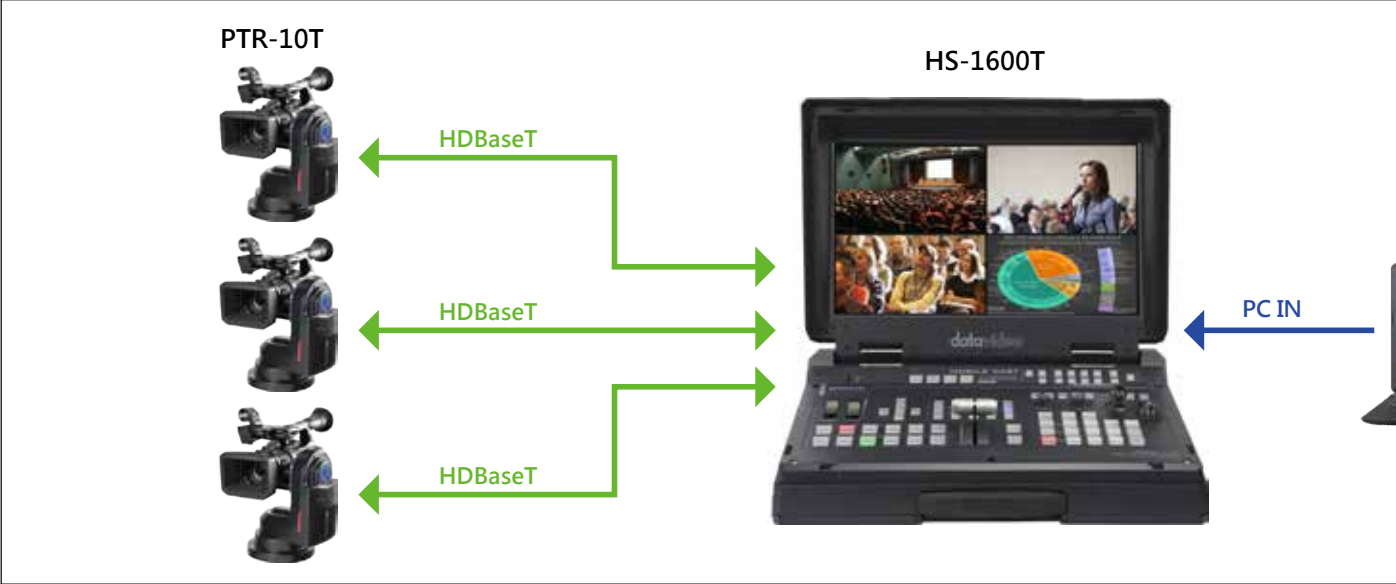
Power Input :
DC 12V IN for camera and PTR-10

Power Switch

SDI output :
Video out to switcher

PTR-10

DVIP Control:
Connect to the RMC-300C with an Ethernet cable for camera control.





PTR-10T **HDBaseT Control**

HS-1600T One Operator Solution

Pair PTR-10T With HS-1600T HDBaseT Mobile Cast Studio. A single Ethernet cable provides power, video, camera control, and tally.

RMC-180



PTR-10 **RS-422 Control**

Serial Control with RMC-180

RMC-180 Camera Controller through Serial

RMC-300C



PTR-10 **LAN Control**

IP Control with RMC-300C

RMC-300C Multi-camera IP Controller that can Control up to 24 Cameras

Mounting

On Heavy Duty Tripod



Optional Wall Mount

The WM-10 wall mount is designed for Datavideo's Robotic Pan Tilt Zoom PTR-10(T) and Datavideo PTZ camera series including the PTC-140/PTC-140T/PTC-150/PTC-150T/PTC-200/PTC-200T.



WM-10

Camera Tray

Professional Wall Mount for Robotic Pan Tilt Head

Model No.	PTR-10	PTR-10T
Name	Robotic Pan Tilt Head	Robotic Pan Tilt Head (HDBaseT)
Video Ports	HDMI x 1 , SDI x 1	HDMI x 1, SDI x 1 , HDBaseT x 1 (output)
Video Output Format	2160p 29.97/25 , 1080p 59.94/50 1080i 59.94/50 , 720p 59.94/50	2160p 29.97/25 , 1080p 59.94/50 1080i 59.94/50 , 720p 59.94/50
Controller	RMC-180 / RMC-300C VISCA Protocol Controller IP Control / IR remote	RMC-180 / HS-1600T VISCA Protocol Controller IP Control / IR remote
Range of Movement	340° Pan ±45° Tilt	340° Pan ±45° Tilt
Speed of Movement	Pan: 0.2~15° /Sec Tilt: 0.1~10° /Sec	Pan: 0.2~15° /Sec Tilt: 0.1~10° /Sec
Default Position	Pan/Tilt position 50	Pan/Tilt position 50
Connection Distance	1,200M by RS422 100M by DVIP	1,200M by RS422 100M by HDBaseT
Control Protocol	Sony VISCA / DVIP	Sony VISCA / DVIP
Control Input	RS-422 / DVIP	RS-422 / HDBaseT
Max. Load	4 KG Max	4 KG Max
Control Output	RS-232 / RS-422 / BX-Lens / LanC	RS-232 / RS-422 / BX-Lens / LanC
Power Supply	DC 12V~ 18V, 3A (Not Inclusive of the Camera) DC 12V~ 18V, 5A (Inclusive of the Camera)	DC 12V~ 18V, 3A (Not Inclusive of the Camera) DC 12V~ 18V, 5A (Inclusive of the Camera)
Power Output to Camera	DC 12V, 24W Max	DC 12V, 24W Max
Operating Temperature	0~40 C°	0~40 C°
Net Weight	3.4 KG	3.4 KG
Dimensions	23 x 19 x 30 (cm)	23 x 19 x 30 (cm)



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