

PTR-10(T) MARK II

PTR-10 MARK II - Robotic Pan Tilt Head

PTR-10T MARK II - HDBaseT Robotic Pan Tilt Head

datavideo



Features

- D-tap connector to power camcorder
- Control remote zoom using LANC
- Control via IP or RS-422 serial
- Easily mount to tripod, wall, or ceiling
- Supports cameras up to 8.5 lbs
- Controls up to four PTC cameras with RMC-180 MARK II

Overview

The PTR-10(T) Mark II is uniquely different from traditional PTZ cameras by allowing you to use a camcorder best suited for your application by turning it into a remotely controlled robotic pan, tilt, and zoom camera.

The PTR-10(T) can be mounted on the wall, ceiling, or tripod. Its sleek design fits seamlessly in your theater, church or conference room.

Use D-tap cable to power third party camcorders from PTR-10(T) with selectable DC voltage that includes 7.4V, 8.4V, 10V and 12V. D-tap to DC 5.5mm with locking power cable is included for Datavideo block cameras.

Recommended Accessories

Datavideo:

- **RMC-180 MARK II** Serial Control with RMC-180 MARK II
- **ZEK-2 KIT** Zoom Control Kit with Tilta Nucleus-M motor
- **WM-11** Wall Mount
- **WM-10** Ceiling Mount
- **PCB-1** Camera Control Box for Panasonic

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PTR-10(T) Front Panel



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PTR-10(T) Rear Panel

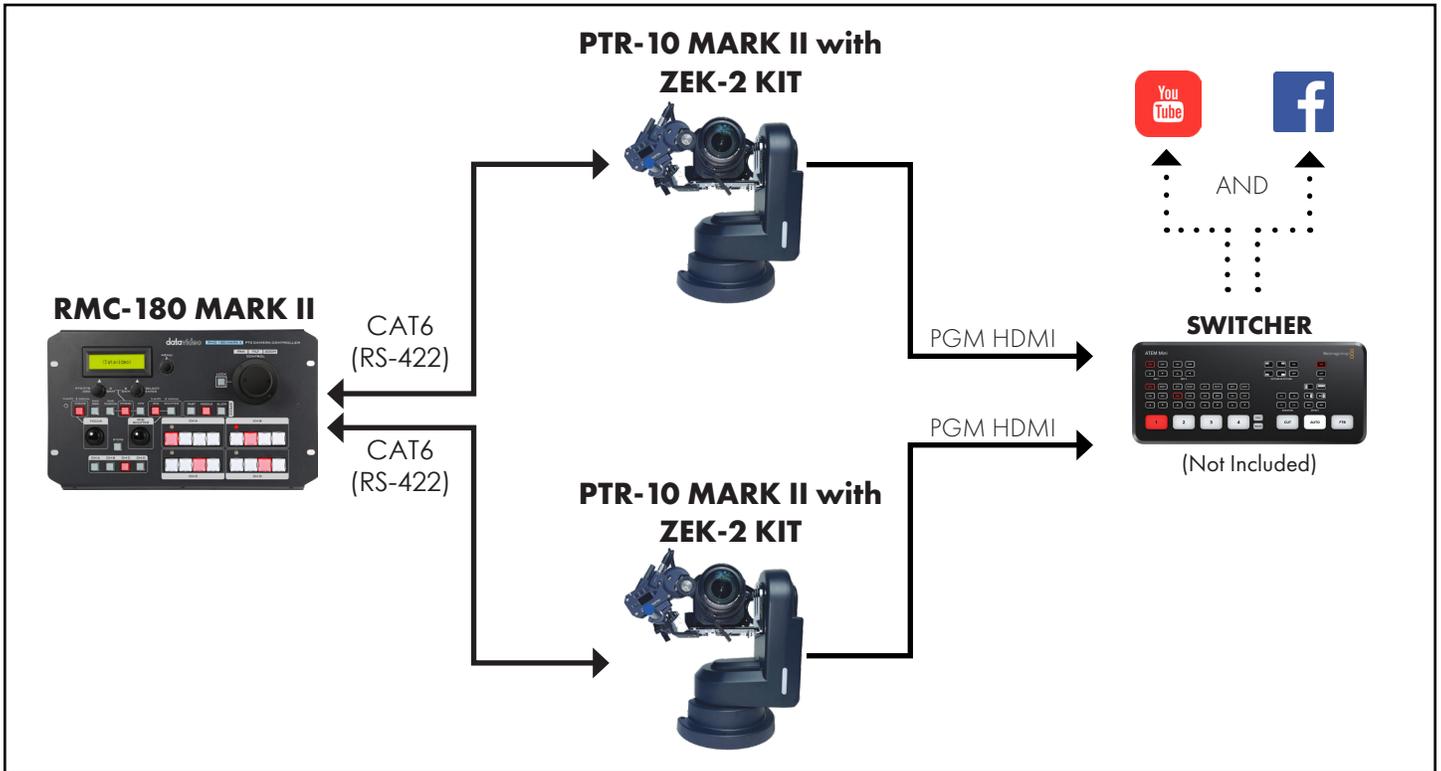


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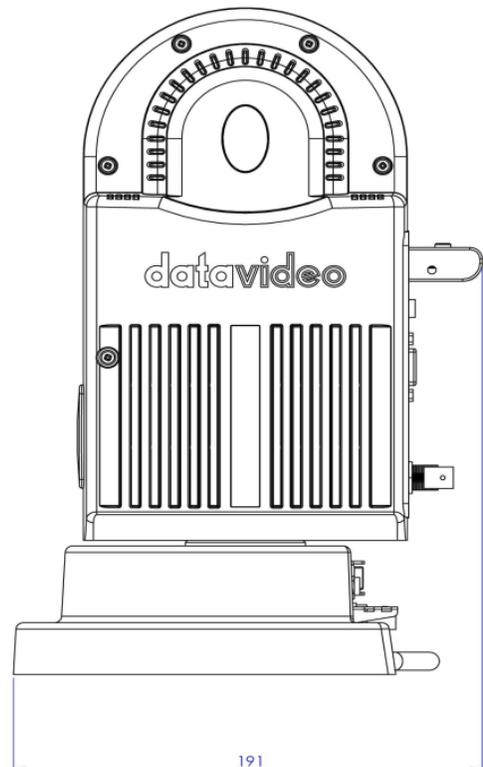
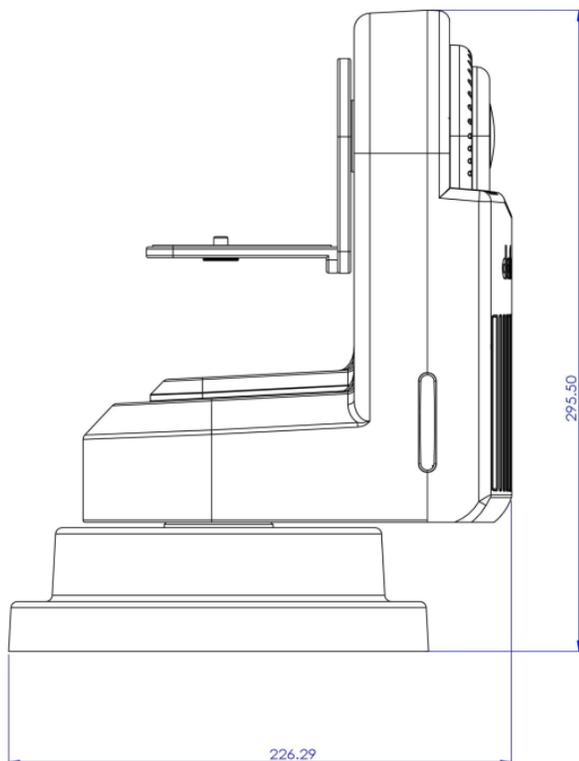
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Workflow



Dimensions

All measurements in millimeters (mm)



Specifications

Model Name	PTR-10 MARK II	PTR-10T MARK II
Product Name	Robotic Pan Tilt Head	HDBaseT Robotic Pan Tilt Head
Video Interface	"HDMI x 1 SDI x 1"	"HDMI x 1 SDI x 1"
Video Output	"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"
Control Unit	RMC-180 RMC-300A RMC-300C ShowCast 100 VISCA Protocol Controller IP Control IR remote"	"RMC-180 HS-1600T HS-1600T Mark II RMC-300A VISCA Protocol Controller IP Control IR remote"
Panning / Tilting Range	Pan: 340° , Tilt: ±45°	Pan: 340° , Tilt: ±45°
Panning / Tilting Speed	"Pan: 0.12~15° /Sec Tilt: 0.06~10° /Sec"	"Pan: 0.12~15° /Sec Tilt: 0.06~10° /Sec"
Preset Interface	Pan/Tilt position 50	Pan/Tilt position 50
Control 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
Maximum Load	4 KG Max	4 KG Max
Control Output	"RS-232 RS-422 BX-Lens LanC"	"RS-232 RS-422 BX-Lens LanC"
Power Requirement	"DC 12V~ 18V, 3A (Without Camera) DC 12V~ 18V, 5A (With Camera)"	"DC 12V~ 18V, 3A (Without Camera) DC 12V~ 18V, 5A (With Camera)"
Power Supply	DC 12/10/8.4/7.4V, 24W Max	DC 12/10/8.4/7.4V, 24W Max
Operating Temp. Range	0~40 C°	0~40 C°
Operating Humidity Range	10~80%	10~80%
Storage Temp. Range	-10~60C°	-10~60C°
Storage Humidity Range	5~80%	5~80%
Weight	3.4 kg	3.4 KG
Dimension (LxWxH)	230 x 190 x 300 mm	230 x 190 x 300 mm

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What's in the Box

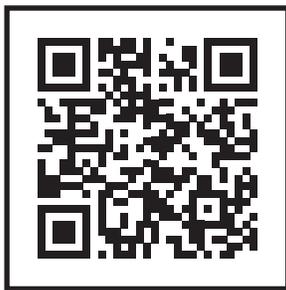
- PTR-10 Mark II Main Unit x 1
 - DC 12V power adaptor x 1
 - AC cord x 1
 - IR remote control x 1
 - DC with lock to D-Tap cable x 1
 - HDMI cable x 1
 - SDI cable x 1
 - Remote cable (2.5mm phone-jack to mini-din 8pin) x 1
 - 1/4" screw (14mm) x 2
 - 1/4" screw (10mm) x 1
 - 1/4" to 3/8" screw adaptor x 1
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 - DC 12V power adaptor x 1
 - AC cord x 1
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Available Documents to Download

1. Datasheet
2. Instruction Manual
3. Cutsheet
4. Firmware Update

Applications

- Live Event Meetings
- Tradeshows
- Townhall Meetings
- Government Events
- Worship Services
- Musical Performances
- Lectures



www.datavideo.com/product/ptr-10 mark ii



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