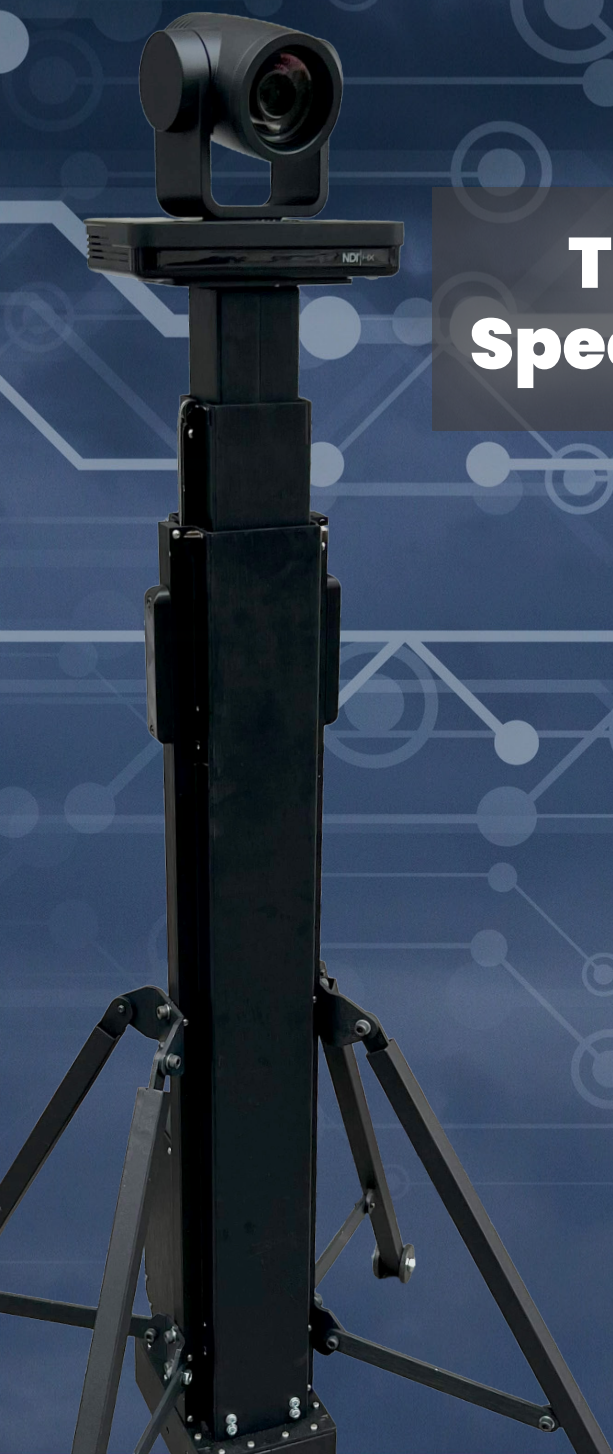


Mocapod

Technical Summary & Specifications (PTZ-Ready)



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1. Summary

Mocapod is a motorized camera pedestal engineered for PTZ and compact studio cameras. It delivers smooth, vibration-free vertical motion, enabling quick height changes without disrupting framing or audio. Designed for studio floors, stages, and OB environments, Mocapod combines a reinforced base, precise lift mechanism, and quiet operation.

Application Areas

- TV studios, newsrooms, and talk shows
- Corporate studios, conference rooms, and auditoriums
- Houses of worship and education spaces
- OB Van and mobile broadcast environments
- Sports, events, and arena coverage (fixed positions)

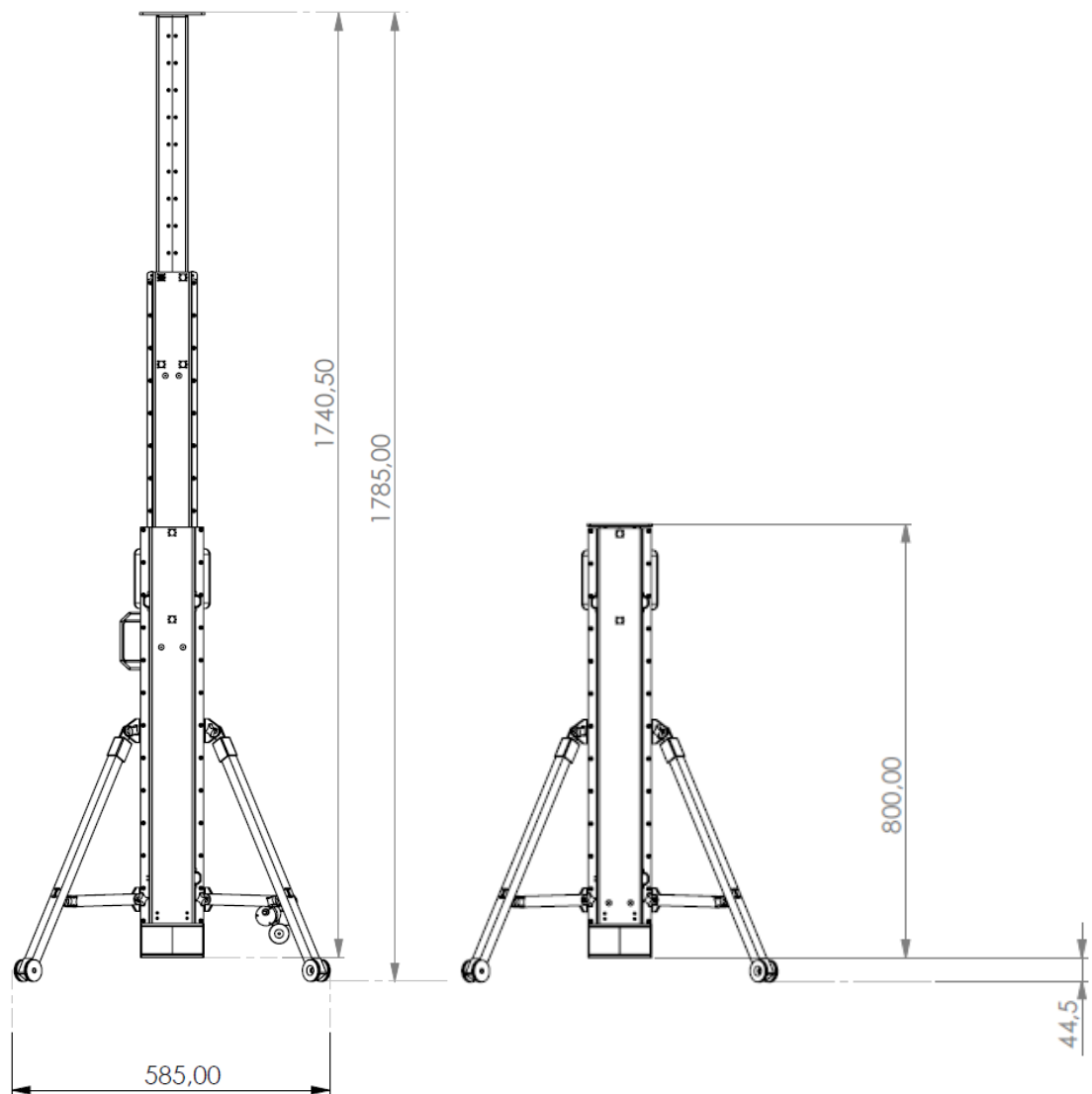
Key Benefits

- PTZ-Ready: optimized mounting and weight balance for popular PTZ cameras.
- Smooth Elevation: fluid 84-179 cm lift range avoids jump cuts and awkward repositioning.
- Single-Operator Workflow: remote hand control and foot pedal for live adjustments.
- Quiet & Stable: low-noise drive and reinforced legs minimize vibration and handling noise.
- Portable Setup: packs down quickly for transport between studio and OB deployments.

2. Hardware Specifications

Parameter	Specification
Elevation Range	84–179 cm
Column Width and Depth	Motor section: 19 × 8 cm Top section: 12 × 8 cm
Max Payload	15 kg
Lift Mechanism	Servo actuated linear drive, controlled acceleration/deceleration
Base/Legs	Reinforced aluminum design; folding legs with bracing
Power	24V DC
Controls	Wired remote unit (VISCA over IP); USB joystick, and foot pedal optional.
Finish	Matte black anodized aluminum.
Unit Weight	10.5 kg

Technical Drawing and Dimensions



3. PTZ Control & Integration

Mocapod is designed to complement PTZ camera workflows. The PTZ camera retains its native pan/tilt/zoom control, while Mocapod provides the vertical axis (elevation).

- PTZ controls: VISCA over IP. Mocapod IP is recognized as a camera by Visca PTZ panel.
 - Use joystick to change camera elevation. Joystick deflection amount controls speed.
 - Save and recall positions (aka. Presets)
 - Set max-speed
 - Set motion range
 - Set motion ramp (acceleration / deceleration)
- Other optional controls: Use your existing PTZ controller for pan/tilt/zoom; operate Mocapod elevation via USB joystick or foot pedal (not included in box).
- Integration: Optional API/GPIO allows triggering preset elevations alongside PTZ presets (on request).

4. Safety

- Do not exceed the rated 15 kg payload including camera, lenses, and accessories.
- Ensure legs are fully deployed and braced on a level surface before operation.
- Secure all cables to avoid snagging during elevation.
- Keep hands and objects clear of moving sections during operation.
- Take note of the emergency stop button location before use. Do not tamper with this button.
- Disconnect power before transport or service.

5. Warranty

Mocapod is covered by a 12-month limited warranty against defects in materials and workmanship under normal use. This warranty does not cover wear items, misuse, unauthorized modifications, or accidental damage. Extended warranty and service plans are available on request.

6. Support & Services

- Online integration assistance with your PTZ controller and routing.
- On-site or remote commissioning and operator training.
- Spare parts and preventive maintenance plans.
- Custom mounts, cable management, and height variants available upon request.

7. Ordering & Accessories

Model: Mocapod MCP-PTZ (standard 84–178 cm).

Accessories: PTZ adapter plate, extended cables, and 24V power adapter included with MCP-PTZ. Padded soft case, foot pedal, USB joystick available for ordering.

8. Contact



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