

D90

Robotic Rail Dolly System

D90 robotic rail dolly system adopts the latest mechanical and electronic technology, combining high-efficiency motor, fast lifting and simplified control, stabilising PTZ, fibre optic transmission technology, as well as long-distance stable power supply technologies, to build a complete system with outstanding performance, stability and reliability. D90 is tailor-made for on-site production environments, providing a stunning and immersive artistic presentation for all kinds of programmes with its unique camera perspective.

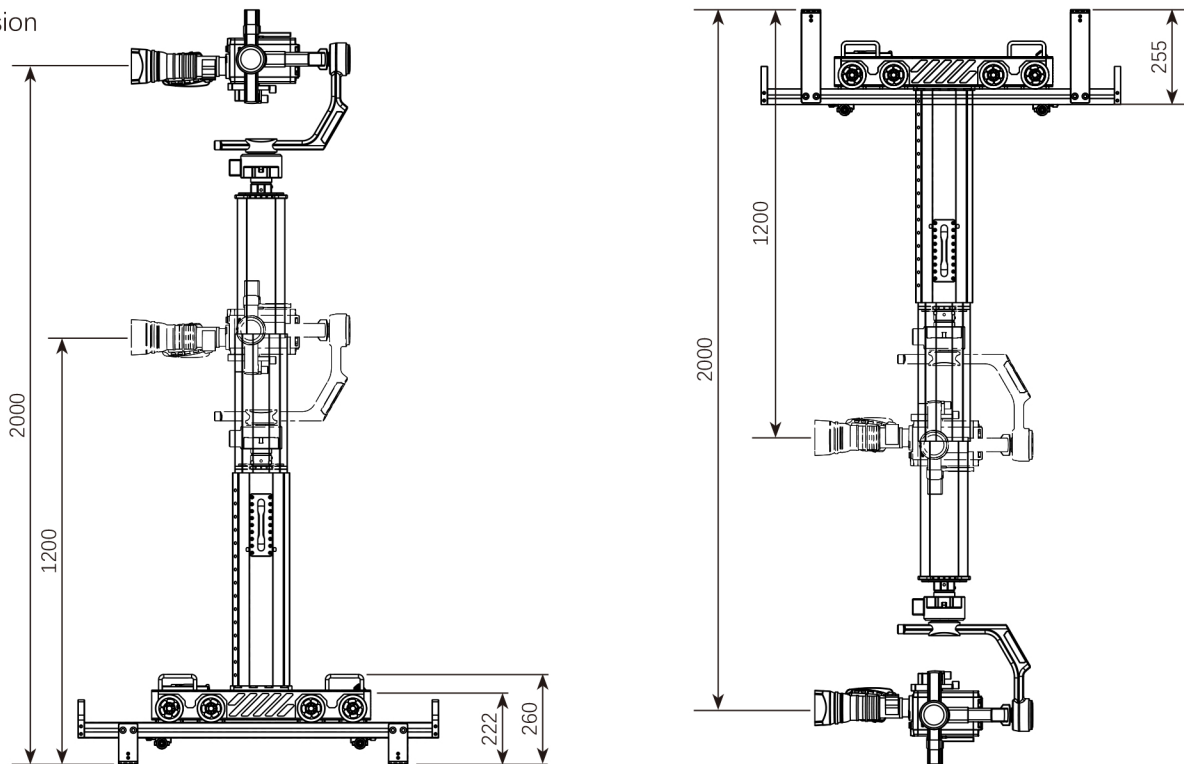
The D90 system includes the D90 robotic dolly, T3-140 intelligent lifting column and RCP-20P control panel, which are flexible to use and easy to operate. It also provides wired/wireless power supply and control system options, which can be flexibly selected and adjusted according to different production requirements to meet the diversified needs.

Feature

- Suitable for installation on the ground or from the ceiling with customized track
- Strong rigidity dolly body with anti-derailment mechanism and anti-collision device
- 8-wheel drive system for fast response and quiet operation and independent adjustment of acceleration and deceleration curves, no shaking when starting and stopping
- High-performance DC motor, moving speed at 3.5m/s Max., and lifting speed of 110mm/s
- Supports Incam special remote head, 4K signal full internal wiring method, unlimited continuous rotation in the horizontal direction
- Supply power via SMPTE cable or high-quality lithium-ion power battery as an option
- One operator to control the dolly, lifting, pan-tilt and camera easily
- Abundant accessories supporting remote power supply, signal extension and control signal upon hybrid cables or wireless control, suitable for various production environments



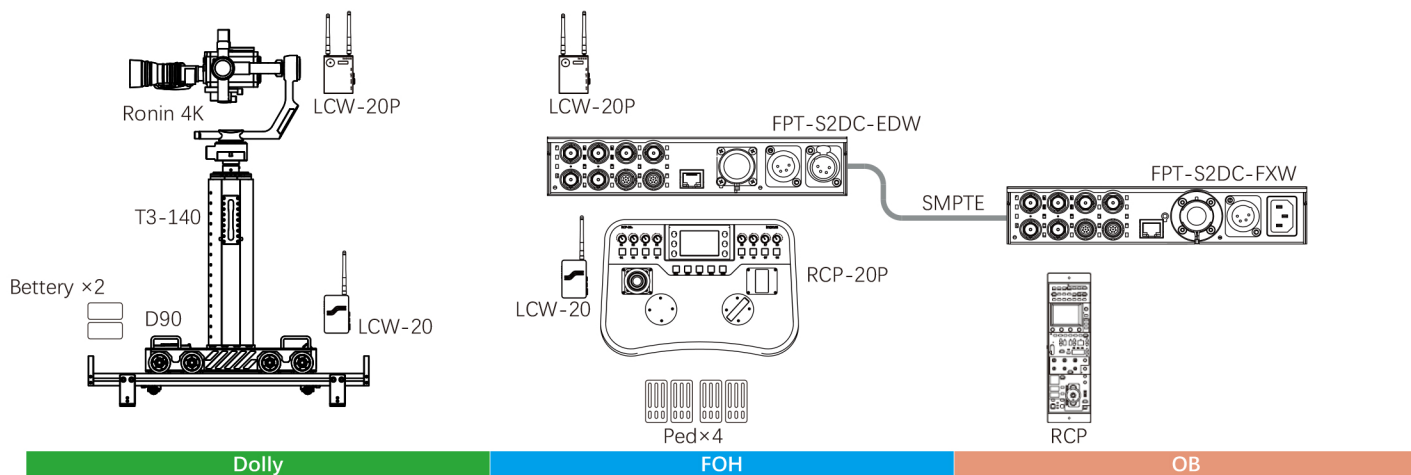
Dimension



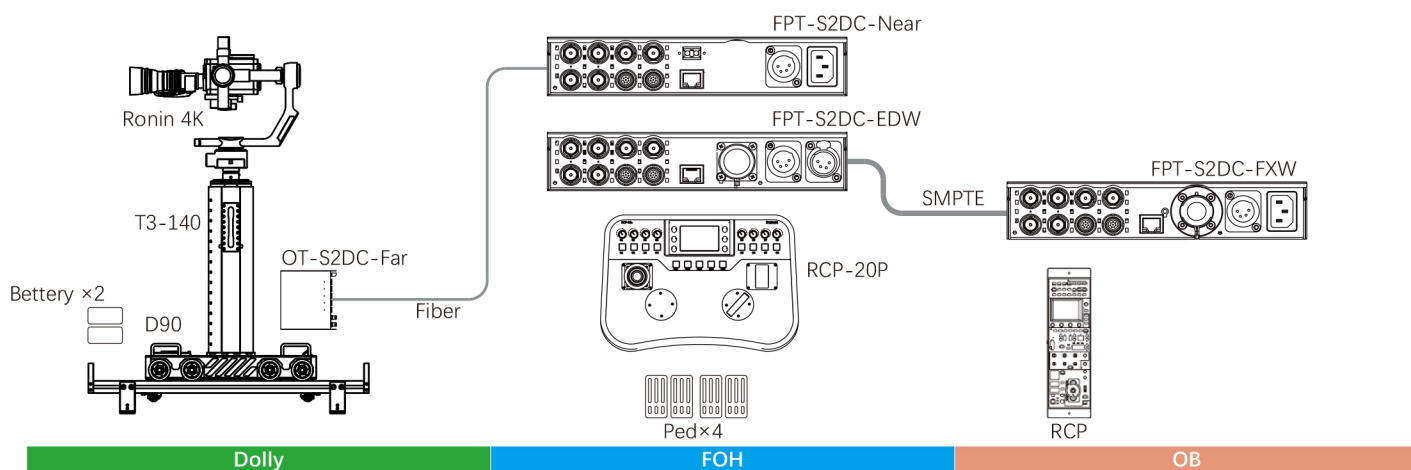
Technical Specification

Dolly dimension, Weight	Dolly consumption	Dolly load	Moving speed	Lifting speed
630×393×170, 26Kg	50W(Typ.), 400W (Max.)	80Kg	Max. 3.5m/s	Max. 110mm/s
Lift column dimesion, Weight	Lift column consumption	Lift load	Track dimension	Track length
625×165×135, 28Kg	10W(Typ.), 200W(Max)	40Kg	400×120mm (W×L)	0.5m, 1m, 2, customized

Application 1: Wireless connection



Application 2: Fiber connection with power supply by battery



Application 3: Fiber connection with power supply via Hybrid cable

