



ROBYHEAD D1 REMOTE HEAD

ABOUT ROBYHEAD D1

D1 is a robotic pan/tilt solution for the professional outside broadcasting, as well as for the stationary use in studios, theaters, conference halls and stadiums. The head is specially designed around modern 4K camera line providing 4x3G SDI, 12G SDI and 2xFiber connectivity for the camera signals. The most typical payload for the head would be a box-size camera, but it has enough power to carry studio cameras and has extra connectivity for a prompter at the front. The head has a rigid and stylish carbon-fiber body and provides smooth and precise movements. An integrated power supply simplifies camera connections. D1 can be controlled via IP or serial interface, so it can be easily integrated into the studio or venue infrastructure and be used in remote production.

The head is designed upon request from Panasonic (Broadcast and Professional Department), which is the major partner and a non-exclusive distributor of the product around the globe. The system is a perfect match for their Panasonic AK-UB300 UHD/HDR camera and their control panels. In this configuration D1 and the camera form a single logical unit for the control panel which is able to provide a full control of the head and image parameters at the same time. A single control panel can control multiple heads, therefore, this combination allows to build a complete HD/ UHD multi-camera system controlled by a single operator that could minimize production costs. Panasonic remote control panels may be a part of the system to provide iris and extended camera controls to the video engineers.

D1 has an integrated AR tracking function. The head is built upon high-resolution encoders on each axis and supports Canon and Fujinon lens drives. It is able to output real-time live tracking data via Ethernet directly to a graphics engine using a classic FreeD protocol.

D1 SYSTEM FEATURES

Weight: 9 kg	Encoder resolution: <1 arcsec
Maximum payload: 20 kg	Control interface: IP (Ethernet) or RS422
Angular velocity: 0.001-120°/s	Integrated camera power supply
Pan and Tilt range: 300°	Presets and soft limit stops
	Power supply: 24 VDC

RECENT REFERENCE

2019 ISU World Cup Short Track (Italy)	2018 Permanent installation in Kazakhstan Parliament	2017 Permanent Installation in Bolshoy Theatre (Russia)
2019 Permanent Installation in Flemish Parliament	2018 Permanent Installation in Bloomberg Office (UK)	2017 Handball European Championships
2019 Canal Malaga Studio installation		

Panasonic | Compatible with Panasonic broadcast infrastructure