

# ROBYCAM 3D MULTIDIMENSIONAL CABLE-SUSPENDED CAMERA SYSTEM



## ABOUT ROBYCAM 3D

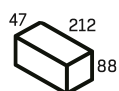
Robycam 3D is a multidimensional cable-suspended camera system built on the combination of intellectual robotic winches, gyro-stabilized camera head, and advanced computational algorithms, which allow the camera to follow any 3D motion path within the working area. Gyro-stabilized camera head - Robyhead, fully controls camera view angles with endless 360° pan and active roll with auto horizon.

As a modular system, Robycam can be installed in both 3D (4 winches) and 2D (2 winches) modes depending on production requirements. In both cases, video signal and camera head controls are delivered to/from the dolly via a separate fiber-optic cable, which length is adjusted by a separate winch.

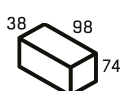
Every system is equipped with integrated Compass AR Tracking technology allowing to incorporate basic and complex AR graphics by major international providers.

Well-tailored software is designed to set geometrically complex safety zones even exclude physical objects from the working perimeter. Access to the system control for the certified staff is granted through the finger-print verification. Pilots and supervisors have to go through the advanced training and examinaion routine, organized by the Head Office. The system has been proved to comply with DGUV 17/18 (former BGV-C1) German safety standard and conforms to all the other major regional safety requirements. The system is also available in a double-rope mode in conformance with French legislature.

### Winches dimensions (cm)



Power winch



Winch control box



## ROBYCAM SYSTEM FEATURES

Digital 3-axis gyro-stabilization	8K ready
Motion Control / Prerecorded movements	Integrated driftless Compass AR Tracking
Supports 4K/HDR cameras: Sony HDC-P50, HDC-P43, Grass Valley LDX C86N, Panasonic AK-UB300, Arri Alexa Mini	Working zone: 200m x 200m
	Run-time: up to 6-8 hours
	DGUV 17/18 Certificate by DEKRA

## RECENT REFERENCE

- 2019 FINA Aquatic Championships (South Korea)
- 2019 FIFA Women's World Cup (France)
- 2019 Biathlon IBU World Cups (Italy, Germany, Russia)
- 2019 Winter Universiade in Krasnoyarsk (Russia)
- 2019 Chongqing Major (China)
- 2019 World Skills Opening Ceremony (Russia)
- 2019 CHIO Aachen (Germany)
- 2019 EPICENTER Major (Russia)
- 2018 IIHF World Hockey Championship (Denmark)
- 2018 Champions Hockey League Final (Sweden)
- 2018 Japan KEIRIN Championship (Cycling)
- 2018 Sky Italy Studio production - permanent installation (Italy)
- 2018 Presidential elections in South Korea
- 2018 BTS Concert at Citifield New York (USA)
- 2018 CEV Volleyball Champions League Final (Russia)
- 2017 XXVIII Summer Universiade, Ceremonies and Athletics (Taiwan)
- 2017, 2015 NHK Trophy - Figure Skating Grand Prix!
- 2016-2019 Multiple UEFA, Bundesliga, Russian Premier League matches
- 2015-2018 X-Factor Show (Italy)



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