

ROBYCAM 3D MULTIDIMENSIONAL CABLE-SUSPENDED CAMERA SYSTEM



ABOUT ROBYCAM 3D

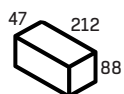
Robycam 3D is a multidimensional cable-suspended camera system built on the combination of intellectual robotic winches, gyro-stabilized camera head and advanced computational algorithms, which allow the camera to follow any 3D motion path within the working area. Gyro-stabilized camera head - Robyhead, 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.

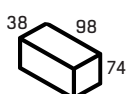
Every system is equipped with integrated Compass AR Tracking technology allowing to incorporate basic and complex AR graphics by major international providers.

Well-tailored software is designed to set geometrically complex safety zones and 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 examination 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 legislation.

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
4K/HDR cameras: Sony HDC-P50, HDC-P43, Grass Valley LDX C98, Panasonic AK-UB300, Sony Venice, ARRI Alexa Mini, RED cameras	Working zone: 200m x 200m
	Run-time: up to 6-8 hours
	DGUV 17/18 Certificate by DEKRA

RECENT REFERENCE

- 2022 Six Nations Rugby (Italy)
- 2022-2016 Multiple UEFA, Bundesliga, RPL matches
- 2021 Cheltenham Festival, Horse Racing (UK)
- 2021 Super League Rugby (UK)
- 2020 United States presidential election (UAE)
- 2020 IBU Biathlon World Championships (Italy)
- 2019 FIFA Women's World Cup (France)
- 2019 FINA World Aquatics Championships (South Korea)
- 2019 FISU Winter Universiade (Russia)
- 2019 Chongqing Major (China)
- 2019 IBU Biathlon World Cups (Italy, Germany)
- 2019 CHIO Aachen Equestrian (Germany)
- 2019 The Athletics Match USA-Europe (Belarus)
- 2018 Presidential election in South Korea
- 2018 CEV Volleyball Champions League (Russia)
- 2018 DFL Sports Innovation Day Football (Germany)
- 2018 Japan KEIRIN Cycling Championship (Japan)
- 2018 BTS Concert at Citifield New York (USA)
- 2017 FISU Summer Universiade (Taiwan)
- 2018 FIFA World Cup (Russia)



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