

## camera robot R6

### Introduction

Unrivaled camera trajectories become possible using the 6 degrees of freedom of the arm and its large workspace of about 1.8m radius. Camera positioning includes translation (X, Y, Z) and rotation (Yaw, Pitch, Roll). Target frames in space can be connected to obtain smooth trajectories running through all points without intermediate stop. Despite its large amount of motion possibilities R6 is easy to program. Teach in is done using the joystick pad together with the shot based operating software cinneo control panel. Please see product information sheets on Neobotix download page for details. R6 may be mounted on the floor, on a wall or on the ceiling. Optionally it is also possible to mount the arm on a linear track.

### Virtual tracking data

The arm provides virtual tracking of the camera position to be fed into a virtual graphic system.

### Manipulator

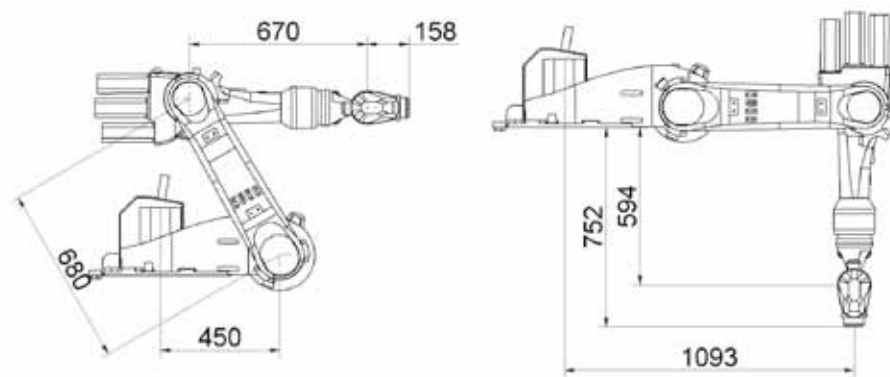
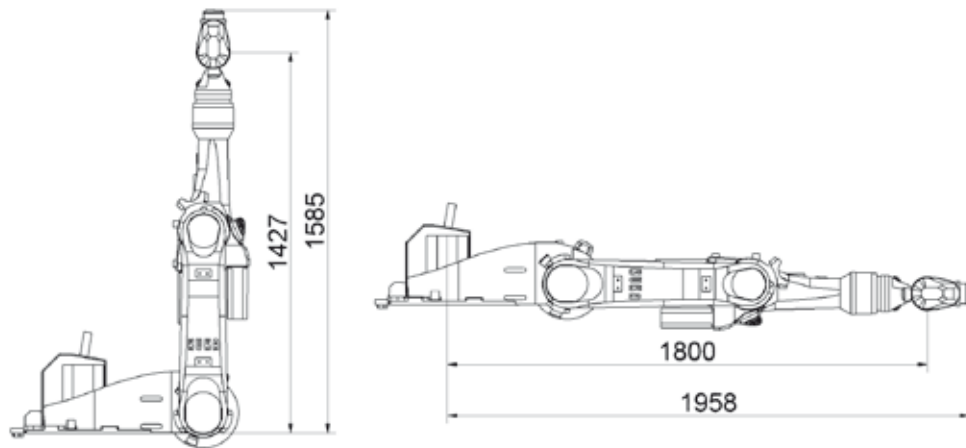
The manipulator is a standard Kuka KR16KS used in very high quantity for industrial applications. It features very robust mechanics and low weight compared to its workspace and payload. Only the motors were replaced by high torque smooth running servo drives with absolute encoders. Optional equipment for the arm are safety bumpers placed at joint 2 and at the wrist. For a product information sheet of the manipulator please refer to [www.kuka-robotics.com](http://www.kuka-robotics.com).



**NEOBOTIX**

# cinneo™ R6

Robotarm with 6 axes, floor, wall or ceiling mount or attached to a linear axis



## Technical data

Robot arm	KUKA KR16KS
Payload	30 kg
Number of axes	6
Drives	maintenance-free, brushless torque motors
Repeat accuracy	± 0.1 mm
Range	1.8 m
Weight	230 kg

