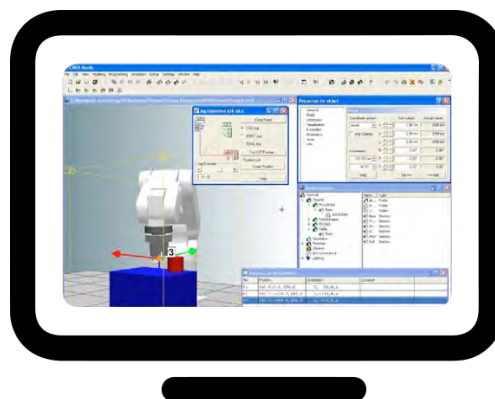


3D DESIGN AND ANIMATION SOFTWARE FOR ROBOT CELLS

Mod. 3DRV/EV

Software mod. 3DRV/EV is a virtual learning environment enabling to model robot cells, to program robots and to simulate their operation. It represents a very good educational tool for understanding and applying the knowledge studied in the courses of drawing, mechanics, automation, etc...

Software mod. 3DRV/EV can be used for the offline programming of the robot included in the Robotic station with artificial vision system mod. RV3/EV.



TRAINING PROGRAM

The training program that can be carried out with the use of this software concerns the following exercises:

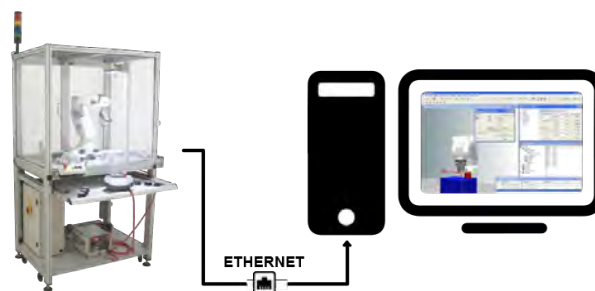
- Basic configuration of a robot
- Choosing the sensors/actuators
- Definition of the virtual environment
- Writing the program
- Virtual simulation of the process

TECHNICAL SPECIFICATIONS:

This software offers a wide library of objects which can be modified. This library will also include a lot of intelligent components not only of simple geometry, but also of parametric structure (such as conveyor belts, photoelectric barriers, etc...) showing a behaviour that can be used actively in simulation. Once implemented, before being transferred to the robot, the program can be simulated virtually on the PC where the presence of collisions, as well as the duration of cycle time and other predictive information will be checked.

PC SYSTEM REQUIREMENTS

- Processor: CPU Dual Core (not hyperthreading)
- Working store: 4 GB RAM
- Video card: 1 GB RAM
- Hard disk: 250 GB
- USB port
- Ethernet port
- O. S.: Windows 7, 32/64 bit



Designing, simulating and controlling the robotic station with artificial vision system mod. RV3/EV by software mod. 3DRV/EV.

SUPPLIED WITH

USER MANUAL



OPTIONAL

ROBOT STATION WITH ARTIFICIAL
VISION SYSTEM - Mod. RV3/EV

