

TO40

HUMAN-LIKE STEREOVISION SYSTEM

General features

- Pan Tilt and Verge stereovision positioning device

Applications

- Robotics research
- Computer vision
- Tracking
- Advanced vision processing



Optional modules:

B/W camera

Color camera

Manual or motorized zoom lenses

Pan-tilt D.O.F.

Pan:	$\pm 170^\circ$
Tilt:	$\pm 100^\circ$
Acceleration:	26.18 rd/s.
Max. speed:	300°/s.
Resolution:	0.9 arc minute / encoder pulse
Optical encoder:	500 pulses / revolution
Motor voltage:	24 V.
Gear ratio:	1:50
Gear torque:	56 Nm
Backlash:	< 1 arc minute

Verge D.O.F.

Range:	$\pm 45^\circ$ or $\pm 180^\circ$ (depending on camera)
Acceleration:	106.90 rd/s ²
Max. speed:	350°/s.
Optical encoder:	500 pulses / revolution
Resolution:	0.9 arc minute / encoder pulse
Motor voltage:	24 V.
Gear ratio:	1:50
Gear torque:	2.7 Nm
Backlash:	< 1 arc minute