

ADVANCING OPTOMECHANICS

A Smart Choice.

Introducing the All-New Smart Mirror™.

This first-of-a-kind mirror mount utilizes on-board microprocessors and an adaptable logic fabric that enable automated translation and mirror adjustments. It supports a range of plug-in accessories and is WiFi capable for controlling operations remotely.

The intelligent solution is here.



A Smart Mirror™ can replace all this...

Swift Control Systems designs and manufactures revolutionary motion control systems that combine the best in precision mechanics with the intelligence and connectivity which advanced smart phone technology.



Precision

- Wide range (~ 300 degrees) of x and y rotational control
- Better than 10 μ rad resolution and 50 μ rad repeatability
- Accuracy better than 1 mrad
- Variable speed from 0.5 mrad/sec to 1 rad/sec
- Compact mount supporting standard optical beam height
- Temperature compensation for long term stability



Connectivity

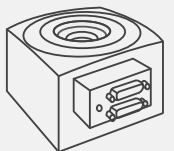
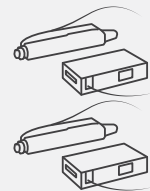
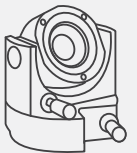
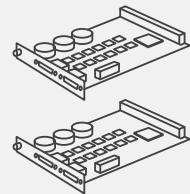
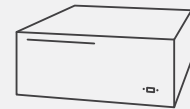
- Enabling the connected lab and IoT™
- WiFi, Bluetooth, and ZigBee® interface options
- RS232 and powered USB interface ports
- Four configurable digital interfaces for accessory modules
- Two analog SMA input ports for data collection and alignment
- Direct horizontal and vertical position adjustment through handheld controller



Intelligence

- Powerful embedded Zynq dual core processor integrated with FPGA logic
- On board memory for software and data storage
- External memory plug-in micro SD card
- Reconfigurable digital interface to external equipment and instruments
- Communication to other Smart Mirror assemblies
- Self contained compact mount powers and controls external interfaces

► Visit www.swiftcontrol.com or call 1-855-957-9438 for more information.



SWIFT
CONTROL
Connected Intelligent Optomechanics

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About Swift Control

Swift Control Systems is dedicated to the development of a new generation of connected, intelligent optomechanical solutions that will empower our customers. Our technology and products have a number of different applications and markets including photonics, security and surveillance, life sciences, and industrial automation.