PRODUCT BROCHURE

Web Guide Upgrade Kit



Upgrade Your Old Web Guiding System to the Latest Technology in Web Guiding

Key Features

- **Retrofit design** – retrofits existing legacy guide frames using adapter brackets
- **Zero recalibration sensors** – eliminates daily calibration routines
- **Modern industrial Ethernet** – integrates with current PLC/SCADA systems
- **Compatible actuators** – replacements for legacy actuators using adapter brackets
- **Plug-and-play installation** – minimal downtime for upgrade

Benefits

- **Stop paying legacy parts premiums** – 50-200% markups for obsolete components
- **Eliminate parts shortage downtime** – weeks waiting for discontinued parts
- **End vendor support frustration** – modern equipment with active support
- **Remove daily calibration labor** – zero recalibration sensing technology
- **Prevent catastrophic failure risk** – replace aging equipment before it fails
- **Stop compatibility headaches** – native industrial Ethernet protocols

Specifications

Kit Includes	Sensor (ODC/1DC) + Controller (SCU5/SCU6x) + Actuator + Adapter Brackets + Cables		
Compatible Systems	Fife, AccuWeb, Erhardt+Leimer (E+L), BST, Coast Controls (contact factory for specifics)		
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Sensor Technology	Fiber-optic (diffuse-reflective)	**Repeatability**	±0.127 mm (±0.005 in)
Industrial Ethernet	EtherNet/IP, PROFINET, EtherCAT (on C models)		
Installation Time	Typically 50% less than full replacement	**Cost**	Typically 50% less than full replacement

Applications

- Replacement of aging legacy web guides
- Modernization of older converting lines
- Integration of legacy equipment with modern controls
- Elimination of obsolete parts dependencies

Compatibility

SUPPORTED LINE SPEEDS

0-100 fpm

SUPPORTED MATERIAL TYPES

Clear Film, Mesh/Screen

SUPPORTED WEB WIDTHS

Narrow (<12"), Extra Wide (>72")

Supporting Documentation

Manuals (12)

- ARIS Retrofit Kit Product and User Manual
- Master/Slave Web Guiding System Installation
- Motor Driver MC QD 1140/1141/1161/1180/1181/1211/1230/1231/1240/1260
- Retrofit Installation Checklist
- SCU5 M: Web Guide Controller Product and User Manual (V2.6)
- SCU5: Sensor and Web Guide Controller User Manual v3.3
- SCU5: Sensor and Web Guide Controller User Manual v3.4
- Servo Center Servo Installation
- Standard Operating Procedure (SOP): Center Guiding Application (v2.x)
- Standard Operating Procedure (SOP): Edge Guiding Application (v2.x)
- Standard Operating Procedure (SOP): Line Guiding Application
- Web Guide Upgrade or Retrofit Kit

2D Drawings (9)

- LHS-020-0xxx-RF: 2D Drawing (dxf)
- LHS-020-0xxx-RF: 2D Drawing (pdf)
- LHS-020-x400-TG
- Motor Controller - MC QD 1140/1141/1240/1241: 2D Drawing
- Motor Controller - MC QD 1140/1141/1240/1241: 2D Drawing (DXF)
- Motor Controller - MC QD 1180/1181/1211/1230/1231/1260: 2D Drawing
- Retrofit Actuator - LHS-0xx-xxxx-TG: 2D Drawing (DXF)
- SCU5 Controller: 2D Drawing (DXF)
- SCU5 Controller: 2D Drawing (pdf)

Wiring Diagrams (8)

- RTI + SCU5 MC(E)D Wiring with MC QD 1140/1141/1240 with Retrofit Actuator
- SCU5 MC(x)D Wiring with MC QD 1141/1140/1240 + Web Guide Actuator
- SCU5 MD Wiring with MC QD 1141/1140/1240 + Web Guide Actuator
- SCU5 MD Wiring with MC QD 1180/1181/1211/1230/1231/1260 + Large Upgrade Actuator
- SCU5 MD Wiring with MC QD 1180/1181/1211/1230/1231/1260 + Regen Clamp + Unwind/Rewind Actuator
- SCU5 MD Wiring with MC QD 1180/1181/1211/1230/1231/1260 + Web Guide Actuator
- SCU5 MD Wiring with ODC Family, MC QD 1140/1141/1240 with Web Guide
- SCU5 MDIO Wiring with MC QD 1141/1140/1240 + Web Guide Actuator

Scan for datasheets, 3D models & full documentation
https://r2r.tech/products/web-guides/web-guide-upgrade-kit

Ready to Get Started?

Contact our experts to discuss how this product fits your application.

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