PRODUCT BROCHURE

Wide Web Guides



The Most Intelligent Web Guides Should Be Easy to Use

Key Features

- **Handles wide web materials** – designed for wider converting applications
- **Complete integrated system** – sensor, controller, actuator, and frame included
- **Zero recalibration sensors** – material-agnostic detection works on any substrate
- **High thrust actuators** – powerful positioning for heavier web materials
- **Industrial Ethernet options** – integrates with plant PLC/SCADA systems

Benefits

- **Stop sensor repositioning** – wide sensing range handles full width range without adjustment
- **Eliminate edge quality issues** – precise guiding prevents trim waste and edge defects
- **End changeover delays** – no sensor adjustment needed between width changes
- **Remove integration complexity** – complete matched system from one vendor
- **Prevent production bottlenecks** – high thrust handles challenging materials

Specifications

System Includes	Sensor (ODC/1DC wide range) + Controller (SCU5/SCU6x) + Actuator + Frame + Cables		
Sensor Range	Up to 960 mm (37.8 in)	**Actuator Series**	LHS-WG, RLA, or BLA
Sensor Technology	Fiber-optic (diffuse-reflective)	**Controller**	SCU5 or SCU6x
Repeatability	±0.127 mm (±0.005 in)	**Resolution**	0.0635 mm (0.0025 in)
Motor Type	Brushless bi-polar stepper	**Protection Class**	IP54

Applications

- Wide web converting and coating lines
- Film extrusion and processing
- Nonwoven manufacturing
- Paper and paperboard converting
- Metal foil processing

Compatibility

SUPPORTED LINE SPEEDS

500-1000 fpm

SUPPORTED MATERIAL TYPES

Clear Film, Porous/Perforated

SUPPORTED WEB WIDTHS

Narrow (<12"), Medium (12"-48")

Supporting Documentation

Manuals (13)

- ARIS SCU5 EtherNet/IP Configuration Manual
- Installation of Displacement Guide
- Master/Slave Web Guiding System Installation
- Motor Driver MC QD 1140/1141/1161/1180/1181/1211/1230/1231/1240/1260
- 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 Installation Checklist
- Wide Web Guides Product and User Manual

2D Drawings (6)

- Dimensional drawing of Wide Web Guides
- 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
- SCU5 Controller: 2D Drawing (DXF)
- SCU5 Controller: 2D Drawing (pdf)

3D Models (1)

- 28in Web Guide Assembly -- Low Profile Web Guide

Wiring Diagrams (3)

- SCU5 MD Wiring with MC QD 1141/1140/1240 + Web Guide 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

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

Ready to Get Started?

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

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