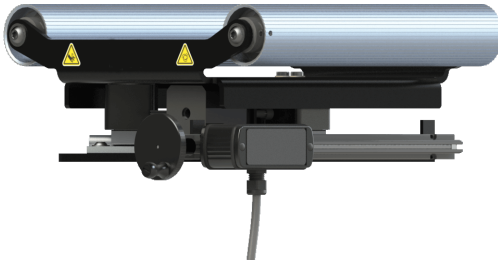# The Most Intelligent Web Guides Should Be Easy to Use

Simplify your setup without sacrificing accuracy

Roll-2-Roll Technologies Low Profile Web Guide is specifically **designed to integrate in tight spaces in narrow web applications**. This simplest plug-and-play web guiding system available in the market is powered by the patented Roll-2-Roll Sensor and the Roll-2-Roll Controller. Once installed the web guiding system requires no subsequent setup or calibration even if the materials and/or processes change.

The advanced patented fiber optic sensor technology makes the web guide easy to install, simple to operate and maintain. The accurate and precise measurement technology adjusts automatically to the physical characteristics of the material, such as opacity and porosity. The benefits include reduction of waste, downtime and changeover time.

GENERAL SPECIFICATIONS

Roller Face (mm)	250, 300, 375, 425, 500	**Nominal Travel**	± 16 mm
Nominal Temp	0-60° C	**Correction Rate**	Up to 42 mm/sec
Motor Type	Linear hybrid stepper	**Maximum Tension**	175 N
Input Supply	24 VDC	**Linear Force**	150 N
Control Frequency	50 Hz	**Error Frequency**	2 Hz

BENEFITS

- Save time with plug-and-play operation
- Reduce waste with high accuracy and high precision guiding
- Save money with a single solution for multiple guiding applications
- Increase productivity with no setup and calibration for product changeover

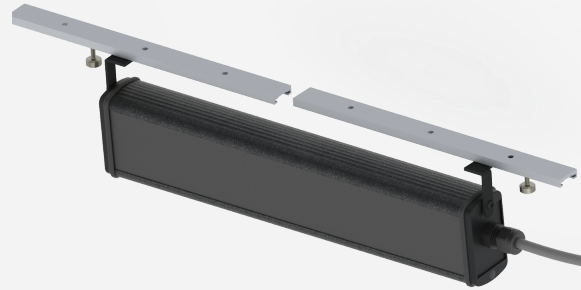| To order (direct from factory):	Your local contact is:
By phone: **+1-888-290-3215 ext 01**	
By e-mail: **sales@r2r.tech**	
Online: **https://r2r.tech/request-quotation**	

SENSOR OPTIONS

WPS 48-IR/WL/UV

WPS 221-IR

CONTROLLER OPTIONS

SCU5 MD
Controller + operator interface

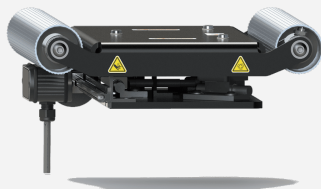**SCU5 MC(x)D**
Controller + operator interface + Ethernet

SCU5 MC(x)
Controller + Ethernet

ROLLER MOUNTING PLATE OPTIONS

U-pattern

Z-pattern

Roll-2-Roll
Technologies

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