

SD50 Status Display

Contact Ramco for a quote
and start enhancing your
process communications
with the Banner SD50



Provide the Right Status Information in the Most Helpful Locations

- Easily configurable, versatile display can be installed nearly anywhere, making it a simple yet powerful alternative to complex HMIs and other displays
- Great for displaying takt time, equipment status, assembly sequences, counts, and measurements where they are most useful
- Discrete, IO-Link, and Modbus models integrate into many different systems and applications, especially Banner sensing, safety, and monitoring solutions
- Quick and easy configuration—define the desired text and call it via discrete control or process data
- Bright white LED display and multicolor status LEDs, legible from 10 meters, help keep operators informed so they can respond quickly and accordingly

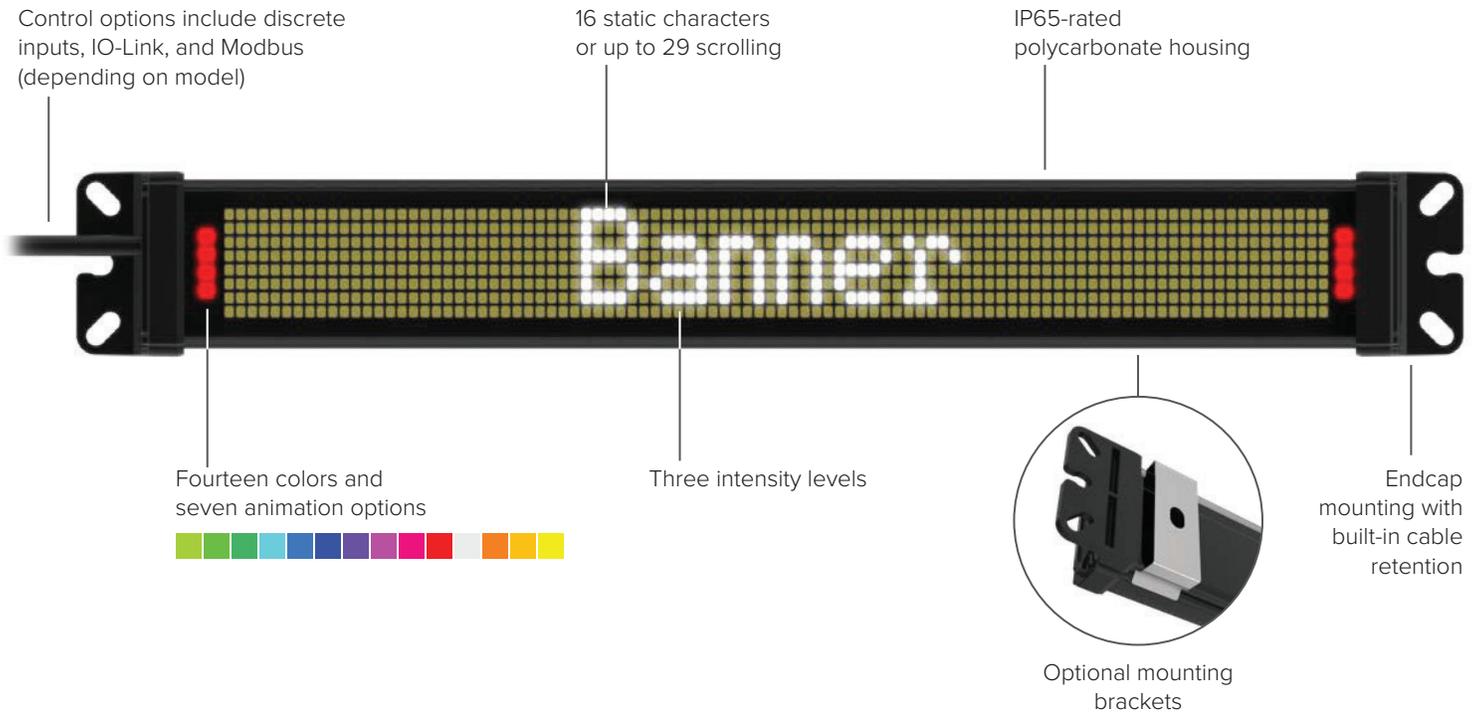


Ramco Innovations

www.ramcoi.com

800.328.6236

SD50 Features and Functionality



Communicate Critical Information

Equipment Status

Translate machine outputs to actionable information



Assembly Instructions

Step through sequential operator guidance



Measurement

Convert and display dynamic sensor outputs like distance, level, and more



Timer

Start, stop, and reset the timer to display takt time and more

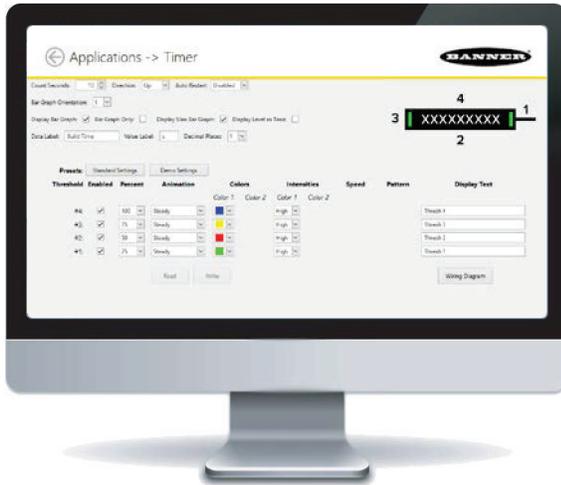


Counter

Increase or decrease the count value based on input pulses

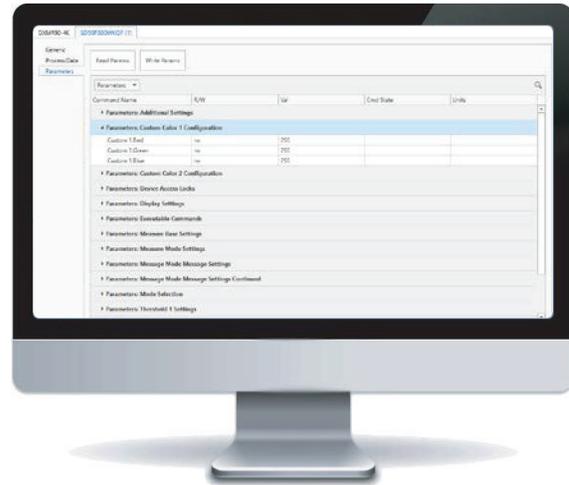


How It Works



Discrete Model

Configure text and indication via free Pro Editor software and control what is displayed via the discrete inputs (Pro converter cable sold separately)



IO-Link and Modbus Models

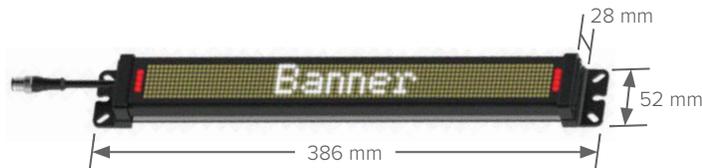
Choose a mode and functional parameters, then use process data or holding registers to send strings and values for dynamic indication and display updates



SD50 Status Display

Description	Display Length	Control	Connection	Models
SD50 Pro Status Display	300 mm	Discrete	150 mm PVC-jacketed cable with 4-pin M12 male QD	SD50P300WD15QP
		IO-Link		SD50P300WKQP
		Modbus		SD50P300WSQP

Specifications



Supply Voltage

Discrete, Modbus: 12 to 30 V DC
IO-Link: 18 to 30 V DC

Construction

Polycarbonate

Operating Conditions

-20 to +50 °C

Environmental Rating

IP65

Certifications



Accessories



LMBSD50
Clip bracket



LMBSD50MAG
Magnetic clip bracket



LMBSD50-180S
180° clip bracket



LMBSD50-180SMAG
180° magnetic clip bracket



PRO-KIT

A single Pro-Kit provides everything required to program discrete Pro products with the free Pro Editor software and is required only for setup, not daily operation.



DXMR90-4K
Multiprotocol four port IO-Link Master



DXMR110-8K
Multiprotocol eight port IO-Link Master



DXMR90-X1
Industrial Controller



DXMR90-X1E
Industrial Controller



R90C-4K-MQ
Four port IO-Link Master with Modbus RTU Interface



M12 Double-ended Cordsets
Straight connector models listed; right-angle models available (example, BC-M12F4A-M12M4A-22-1)

4-Pin
BC-M12F4-M12M4-22-1
1 m (3.28')
BC-M12F4-M12M4-22-5
5 m (16.4')
BC-M12F4-M12M4-22-10
10 m (30.81')

5-Pin
BC-M12F5-M12M5-22-1
1 m (3.28')
BC-M12F5A-M12M5A-22-5
5 m (16.4')
BC-M12F5A-M12M5A-22-10
10 m (30.81')



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PN B_51932114 rev. A

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