







SPECIFICATIONS



LIGHT BEAM AND RECEIVER ARRAYS

Size: 1.57"W x 81.125"L x .75"D (39.7mmW x 2061mmL x 19mmD) Cable Length: 18 feet (5486mm), connectorized at both ends Distance between bottom of receiver housing and lowest

detector: 2 inches (50.8mm)

Distance between bottom of receiver housing and highest detector: 64 inches (1625mm)

Range: Up to 12 feet (3658mm)

Number of light beams: 64 (2 per detector operating in a redundant mode) Rated at 100,000 lux

Operating Voltage Range of Arrays: 12-30 VDC

Maximum allowable installed misalignment: ±20 degrees @ 3 feet

Response Time: 50 milliseconds nominal, 75 milliseconds max.

Maximum Current Draw: 130mA total of both arrays

Ratings: NEMA 1 for Standard Leading Edge; NEMA 4, IP67 for Waterproof Arrays

Diagnostic Indicators

Receiver Array Indicators:

TOP RED LED: DSA™ Indicator (Dynamic Sensitivity

Adjustment)

LOWER RÉD LED: Output Status Indicator

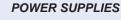
Light Beam Array:

RED LED: Flash Rate Indicator. Flash Rate denotes

Operational Status.

Exceeds ADA

American Disability Requirements



Size: Non-Metallic, 3.25"H x 9.2"W x 6"D (82.5mmH x 233.1mmW x 152mmD)

Non-Metállic Waterproof, NEMA 4, 3"H x 9.375"W x 5"D

Voltage Requirements: 120 or 240 VAC Power Supply

Power Consumption: 5 VA maximum

Plug-In Output Relay:

MASTER CONTROL RELAY... SPDT action with contacts rated up to 10 A @ 250 VAC or 30 VDC. Relay de-energizes when obstruction is detected.

Models Equipped with Nudge-1 PC Assembly:

Accessory Relay Switch Selectable Options:
Option 1: Functions as a Nudging Relay that energizes after

Adjustable Delay.

Option 2: Functions as a Redundant Relay...i.e., Master Control Relay and Accessory Relay operate simultaneously. **Buzzer Options:** ON-OFF Switch Selectable... energizes after

Adjustable Delay.

Diagnostic Indicators:

Main output relay status indicator Nudge relay status indicator on Nudge Board

DC power ON indicator

Nudge Time Out: Adjustable from 5 to 45 seconds

Power Supply Enclosures: NEMA 1 for Non-Metallic NEMA 4, IP67 Non-Metallic for "W" Series

Operating Temperature Range: -40F to +158F (-40C to 70C) Operating Humidity Range: Up to 95% relative humidity at

104F (40C)

Complete Standard Systems	Power St	Power Supply Case		Nudging		
Description Part Numbers	PSC-4 / PSC-4N	PSC-5W / PSC-5NW	Yes Nudge*	No	Side Parting	Center Parting
EDGE-4	Х			Х	Х	Х
EDGE-4VS (Vandal Resistant/Fast Mount)	X			Х	Х	
EDGE-4VC (Vandal Resistant/Fast Mount)	X			Х		Х
EDGE-4N	X		Х		Х	Х
EDGE-4NVS (Vandal Resistant/Fast Mount)	X		Х		Х	
EDGE-4NVC (Vandal Resistant/Fast Mount)	X		Х			Х
Complete Waterproof Systems						
EDGE-5W		Х		Χ	Х	Х
EDGE-5WVS (Vandal Resistant/Fast Mount)		Х		Χ	Х	
EDGE-5WVC (Vandal Resistant/Fast Mount)		Х		Χ		Х
EDGE-5NW		Х	Х		Х	Х
EDGE-5NWVS (Vandal Resistant/Fast Mount)		Х	Х		Х	
EDGE-5NWVC (Vandal Resistant/Fast Mount)		Х	Х			Х
Leading Edge Arrays Less-Power Supply Note: Access	sory Connector Not	Included				
EDGE-6					X	Х
EDGE-6VS (Vandal Resistant)					X	
EDGE-6VC (Vandal Resistant)						Х
EDGE-6W (Waterproof)					Х	Х
EDGE-6WVS (Waterproof/Vandal Resistant/Fast Mount)					Х	
EDGE-6WVC (Waterproof/Vandal Resistant/Fast Mount)						Х
Accessory Connectors Wire direct to Door Operator or exist	sting power supply f	or EDGE-6				
ECI-1 Leading Edge Array Interface Cable NP1	٧					
ECI-3 Leading Edge Array Interface Cable NP1	N, use with GAL MO	VFR				
ECI-4 Leading Edge Array Interface Cable NP1	N Sinking/PNP Sour	cing, N.C. Opto Iso	olated			
ECI-5 Leading Edge Array Interface Cable NP1	N Sinking/PNP Sour	cing, N.O. Opto Iso	olated			
All standard models include the EGAC-4 kit, which consists of m All VS/VC models include the EGAC-6 kit. * The NUDGE-1 PC Assembly can be field installed on any models.	· ·	d hardware.				

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