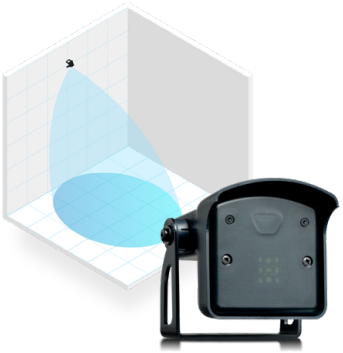
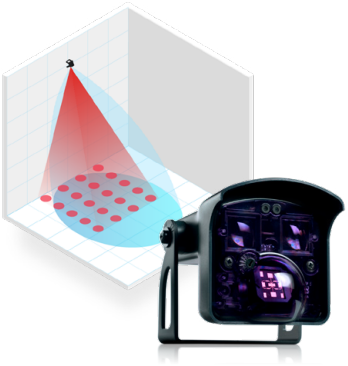
OVERHEAD INDUSTRIAL SENSOR COMPARISON



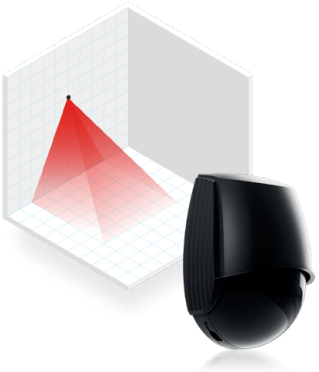
FALCON FAMILY

Motion sensor for industrial doors, gates & warning indication



IS40

Motion & presence sensor for industrial doors



LZR®-WIDESCAN

Motion, presence & safety sensor for industrial doors

SOLUTION COMPARISON

	10FALCON	10IS40	10LZRWIDESCAN
PRIMARY APPLICATIONS			
	Automatic Industrial Door Activation, Gate & Barrier Activation	Automatic Industrial Door Activation, Presence Detection	Automatic Industrial Door Activation, Pedestrian & Vehicle Presence Detection, Virtual Pull-Cord Activation, Cold Storage Environments, Dynamic Ground Conditions
TECHNICAL			
Technology	Microwave Doppler Radar	Microwave Doppler Radar / Active Infrared	LASER scanner, Time-of-Flight
Detection Mode	Motion	Motion / Presence	Motion & Presence (object direction, speed, size & height)
Max. Detection Zone	13 × 16' @ 16'	Microwave: 13 × 16 ½' Infrared: 10 × 10'	Width: 1.2x Mounting Height Depth: 1.2x Mounting Height (adjustable depending on user settings)
FUNCTIONALITY			
Settings	Field size, Hold-Open Time, Output Configuration, Detection Mode, Detection Filter	Field Size (sensitivity), Hold-Open Time, Detection Mode, Detection Filter (rejection mode)	Teach-In; Presettings; Service Mode; Factory Reset; Red Spots; Out 1 Functions; Out 2 Functions; Relay Function; Motion (width, depth, object type, direction, immunity, door zone off, invert field); Presence (width, depth, object type, max. presence time, immunity, door zone off, invert field); Safety (width, depth, max presence, immunity, uncovered zone, invert field)
Features	Bidirectional, Unidirectional Approach and Unidirectional Depart	Bidirectional, Unidirectional Approach and Unidirectional Depart; 6 Modes of Pedestrian & Parallel Traffic Rejection	Background Independence, 3D Object Analysis, Full- and Partial Door Opening

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