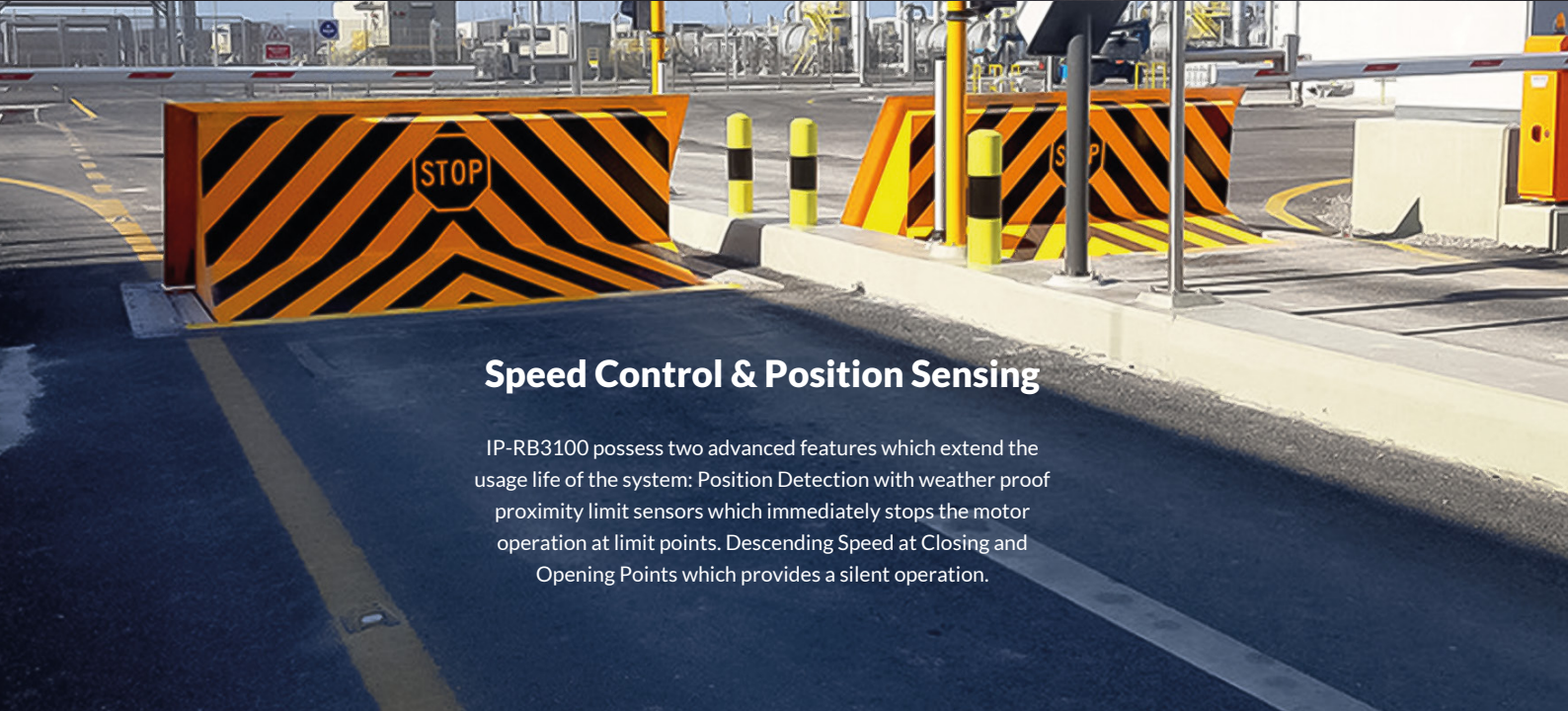
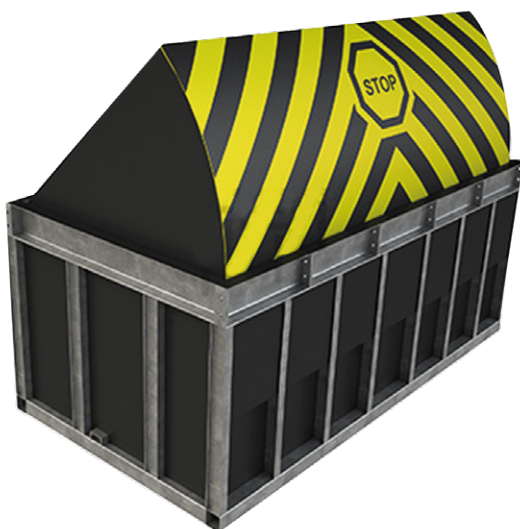


ROAD BLOCKERS



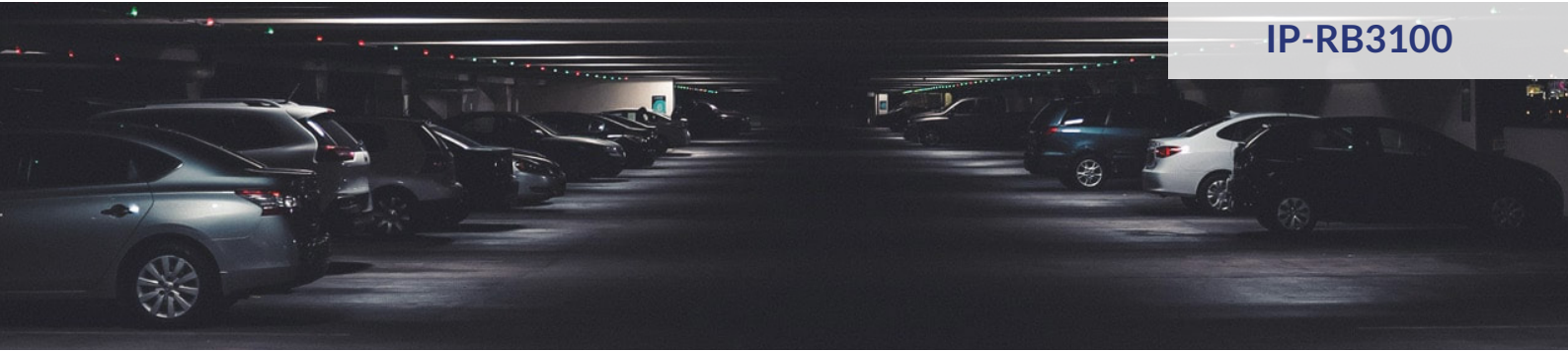
Speed Control & Position Sensing

IP-RB3100 possess two advanced features which extend the usage life of the system: Position Detection with weather proof proximity limit sensors which immediately stops the motor operation at limit points. Descending Speed at Closing and Opening Points which provides a silent operation.



Structure

Designed for intense industrial usage with a 100% Duty Cycle, powerful HPU, strong wedge, and durable hydraulic lift piston. With its 5.5 kW powerful motor IP-RB3100 is capable to complete up or down movement in 4-5 seconds without any limitation on daily usage.



OVERVIEW

IPARKPRO IP-RB3100 High Impact Rated Hydraulic Road Blockers are designed to meet ASTM M50 /IWA14-1 / PAS68 level impact resistance. The product has successfully passed a full scale crash test with zero penetration & maintained its operational functions after impact. Certified by IWA14-1:2013 Standards, IP-RB3100 Road Blockers provide maximum protection in areas that require high-level security through idealistic design, high quality components and top grade material.

KEY FEATURES

Heavy Gauge Structure

Road Blocker Structure is made out of heavy gauge material. Underground case has a top frame made of NPU steel. Inside the blocking wedge there are 6 sets of 3-up hinge bars, constructed from heavy duty steel plates, which supports the structure against impact

High Impact Resistance

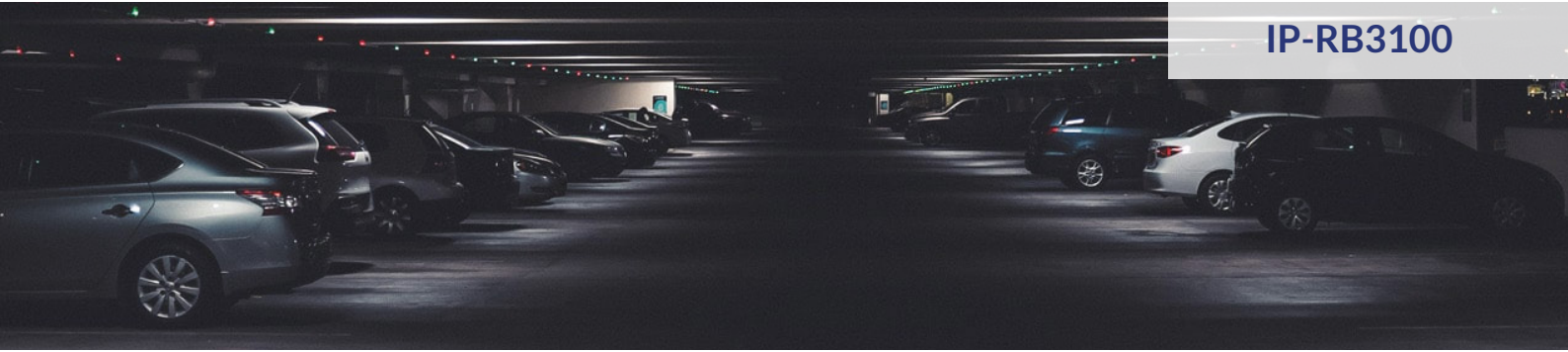
IP-RB3100 is crash test certified in accordance with IWA14-1:2013 standards with zero penetration, providing a direct equivalence with PAS 68 and a superior energy resistance compared to M50 P1 rating of US standard ASTM F2656-07

Flexible and Reliable

Ease of integration with all access control equipment through its Schneider PLC unit which possesses 12 inputs and 8 outputs. All electronic equipment are Schneider branded with the highest reliability available in the market.

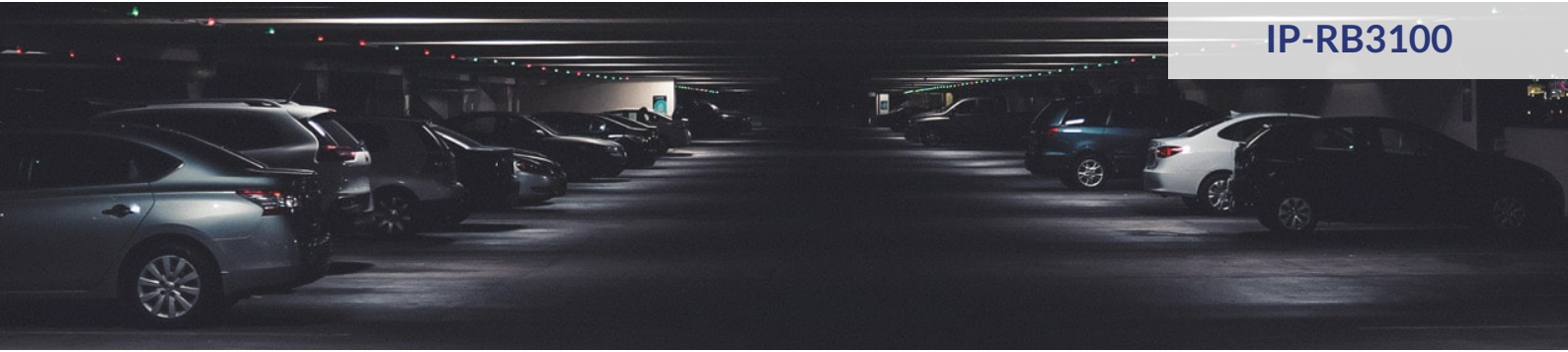
TECHNICAL SPECIFICATIONS

PARAMETER	IP-RB3100
BLOCKER PHYSICAL CHARACTERISTICS	
Blocking Length	3000 mm
Obstacle Height	1000 mm (standard)
Case Dimensions	3220 x 1700 x 1370 mm
Blocker Underground Case	Heavy Gauge NPU Steel profile top frame, Supported by Vertical NPI Steel Profiles placed all along the Perimeter of the case within intervals less than 500mm
Blocking Wedge	Heavy Gauge NPU Steel, Supported by Vertical and Diagonal NPI Steel Profiles delicately finished with Heavy Gauge Steel Top Plate. 3 sets of hinge bars, constructed from Heavy Gauge Steel Plates
Treatment	Highest grade corrosion protection primer finished with polyester outdoor paint, black finishing With yellow stripes on the circular front steel and top plate
OPERATIONAL CHARACTERISTICS	
Drive	Heavy Duty Hydraulic
Drive Power	Min 10 Bars / Max 120 Bars



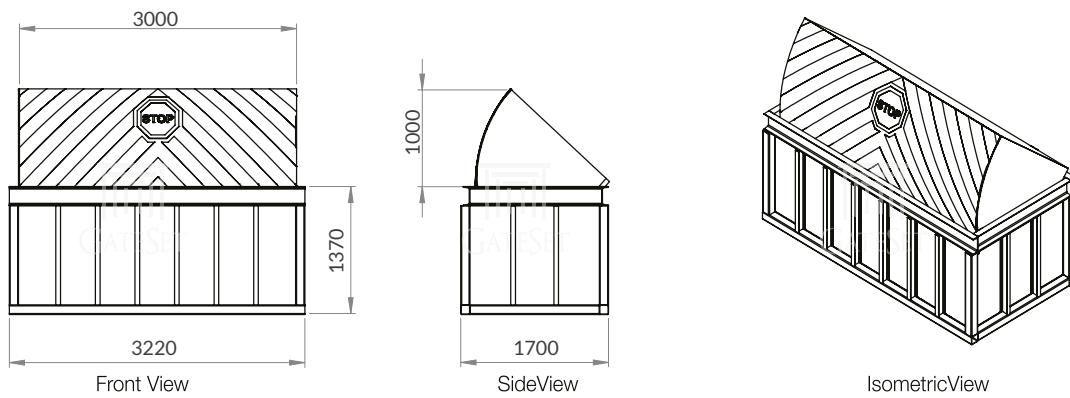
TECHNICAL SPECIFICATIONS

PARAMETER	IP-RB3100				
Rising / Falling Time	4-5 seconds (Adjustable) ⁶⁷				
Speed Control	Slowing Down at Opening and Closing Limit Points				
Working Frequency	300+ Cycles/Hour				
Emergency Operation	Rising in 1.5 Seconds (with optional EOK Kit)				
Power Outage	Capable to make 10+ Complete Cycles without Electricity (with optional HPU2400 Kit)				
Manual Operation	Ascending and Descending with Manual Hand Pump				
CABINET Control Cabinet	2 mm Thick Steel, Electrostatic Thermal Painting for Anti-Corrosion Resistance				
Cabinet Dimensions	Feature:	Standard	+HPU2400	+EOK	+HPU2400+EOK
	Width:	390 mm	510 mm	600 mm	510 mm
	Length:	750 mm	510 mm	1100 mm	1310 mm
	Height:	1290 mm	1050 mm	2000 mm	1250 mm
ELECTRICAL CHARACTERISTICS Electric Motor	380 V AC / 50-60 Hz. 5.5 kW,				
Control Panel	Schneider PLC, Integration with Various Systems				
Test Panel	Integrated Test Panel on Electric Cabin Cover, Phase Indicators				
RESISTANCE CHARACTERISTICS Impact Resistance	7,200 kg at 80 km/h				
Axle Load Resistance	35 Tons				
Penetration Level	Static Penetration of Truck: -1.18 m (negative) - Dynamic Penetration of Truck: 0.0 m				
Crash Test Certification	14-1:2013 Blocker V/7200[N2A]/80/90:0.0				
Protection Class	IP 65				
Operating Temperature	+70°C / - 15°C				
EQUIPMENT AND ACCESSORIES Hydraulic Pipes	18/1.5 Connector - 1/2 Radius, 350 Bars Max Pressure, 10 m Pipe Length (standard)				
Safety Equipment	Emergency Stop Button (standard), Front and Rear Loop Sensor (optional)				
Standard Accessories	Remote Control Keyboard (wired), Test Unit on ECU Panel, Oil Level and Temperature Indicator, Manometer				
Optional Accessories	Traffic Lights, Flashing Light, Siren, Warning Sign, Drainage Pump				
CERTIFICATIONS AND WARRANTY Certifications	IWA 14-1:2013, ISO 9001:2015, CE				
Warranty	2 Years				

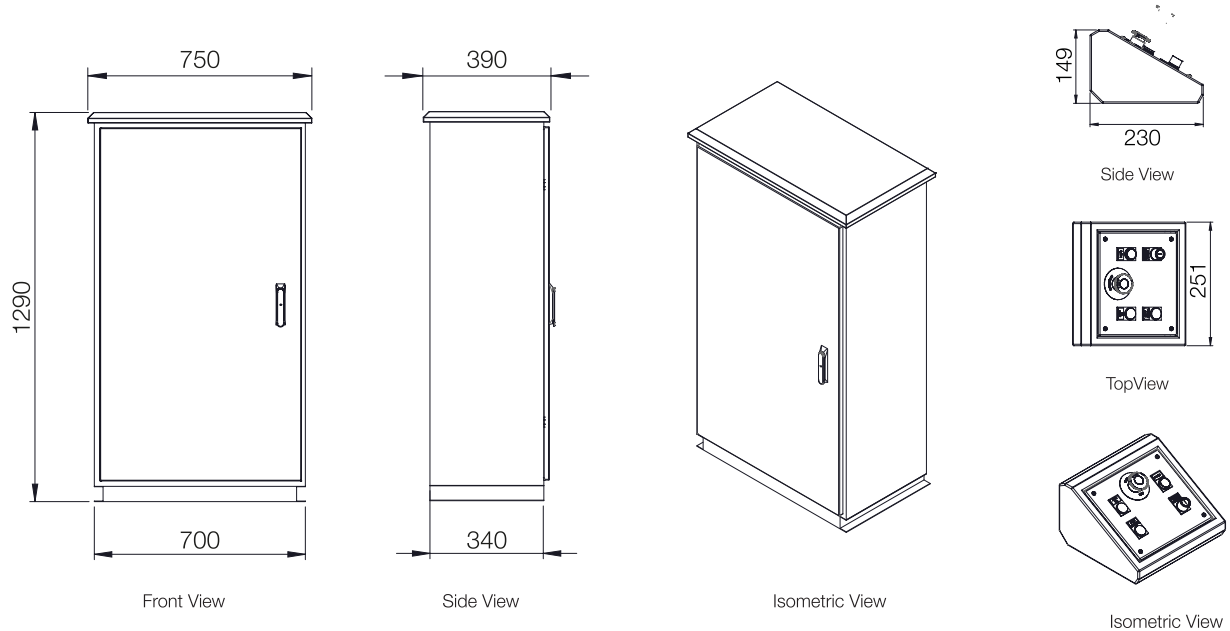


DIMENSIONS

Blocker



Cabinet & Keyboard



* Dimensions are given for 3000 mm Blocking Width, 1000 mm Obstacle Height and Control Cabinet with Standard Configuration.
Subject to change depending on design or project needs without prior notice

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