

VEHICLE ENTRANCE MANAGEMENT SYSTEMS

VV-VM7115HD-BLZ4

HYDRAULIC AUTOMATIC STAINLESS STEEL BOLLARD



FEATURES

- Automatic hydraulic bollard for high security and strong anti-collision strength
- Swift raising and lowering speed of bollard (optional EFO)
- Emergency release function in case of power failure
- Reliable technology for most intense use at all temperatures and weather conditions
- High grade reflector for long distance visible warning (optional LED light)
- Operation method : control panel button/remote control
- IP68 ingress- protection rating
- AISI 304 grade stainless steel construction

INGRESS
PROTECTION
RATING

IP68



100%
Duty Cycle



Hydraulic



Remote
Controller

TECHNICAL SPECIFICATIONS

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Bollard Features	Type	Automatic
	Drive	Hydraulic ram
	Working Speed	Rise to full intercept height in 3-5 seconds
	Safety Reversal Pressure Switch (optional)	Avoid damage by sensing vehicle obstruction and signaling hydraulic drive to retract bollard
	EFO (optional)	Emergency fast operation supports bollard to rise up / lower down in ≤ 1 second
	Emergency Release	Supports automatic or manual release of the bollard in case of power failure
Physical Features & Characteristics	Visible Warning Signage	High grade reflector tape at the brim (optional LED lights)
	Crash Resistant Design	Tested with vehicle of 1.5 ton weight moving at a speed of 32 Kmph
	Cylinder Diameter	219mm
	Cylinder Intercept Height	600 mm fully elevated
	Cylinder Material	304 stainless steel
	Cylinder Thickness	6mm
	Bollard Underground Housing Dimension	$\phi 270$ mm x 1120mm
	Weight	100Kg
Electrical & Environmental	Weather Protection	IP68 rated
	Operating Voltage	AC 220V, 60Hz
	Working temperature	-40°C to 70°C (heater optional)
	Operating Humidity	$\leq 95\%$ non-condensing humidity
Approvals	Certifications	ISO 9001, ISO 45001, ISO 14001
Hydraulic Drive Control System	Control System	CLC & PLC (Common & Programmable logic control system)
	Control Method	Button control panel, wired & wireless remote control
	Control Groups	1 (optional 2 3 4)
	Maximum Bollard Control	Each control unit can drive up to 8 bollards (optional up to 10 bollards)
	Safety Reversal Pressure Switch	Optional
	Cabinet Material	Mild steel
	Surface Treatment	Degreasing, phosphating, electrostatic spraying
	Weather Protection	IP54 rated
	Operating Voltage	AC 220V, 60Hz
	Dimension	500 x 400 x 200 (mm)

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

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