

# SIGANMETRIC

SM 7000 GBS

GATE BARRIER SYSTEM

pedestrian  
access  
control  
systems &  
solutions

GATE BARRIER



**Weather rating**  
IP 66, RH 90%  
Temperature -25°C-75°C



**MTBF**  
Mean Time Between  
Failures >5 million



**Clutch**  
Humanized clutch device  
Barrier up as power off



**Auto backtrack**  
Unanimous functioning with  
the sensors to avoid hit.



**MOTOR**  
Heavy duty motor based  
on boom length



**Power supply**  
220VAC/110VAC, 50/60~  
Consumption 80Watt(max)



**COMPLIANCE**  
Standard design, FCC,  
CE, RoHS compliant



## FEATURES

- >> On power failure, clutch on pendulum axis, barrier booms up & comes to home position once power is on
- >> Motor braking system in emergency situations to avoid loss.
- >> Anti pass back function using three three buttons control “up ””down ””stop” seperately.
- >> Infrared radiation function(selected).
- >> Detector built-in/out function supported.
- >> Supports built-in vehicle loop detector and external vehicle loop detector.
- >> Open/Stop/Close controlling interface.
- >> RS485 interface(Optional).
- >> LED interface Green/ Red.
- >> RS 485 interface to communicate unto 1200M.
- >> Automatic temperature adjustment in accordance with external temperature.

## TECHNICAL SPECIFICATIONS

Mechanical Temperature	-25° C ~ 85° C
Electrical Temperature	-20° C ~ 85° C
Power Supply Input	AC110/220 ±10% 50/60Hz ±10%
Power Consumption	80 watt
Relative Humidity	< 90%
Arm Speed	3/ 6 Second
Interface	RS 485
Grease	Internal lubrication
Net Weight	65Kg
Certifications	CE, FCC, RoHS, WEEE, SLC

<b>BOOM LENGTH</b>	<b>SPRING DIAMETER</b>
Meters	mm
2.5<L<3.5	D=4.5
2 3.5<=L<=4.0	D=5.5
3 4.0<L<5.5	D=6.5
4 5.5<=L<=6.0	D=6.5

## ordering nomenclature

MODEL	SIGAN 766	SIGAN 743	SIGAN759	SIGAN756	SIGAN731	SIGAN746	SIGAN741
Arm type	Straight	Striaight	90° folding	180° folding	Strait barrier	Fence barrier	Fence barrier
Speed	Normal	Enhanced	Normal	Normal	High	Normal	Normal
Arm lenth	L<=6M	L<=4.5M	L<=5M	L<=5M	L<=3M	L<=4.5M	L<=4M
Centre high	530mm	530mm	530mm	530mm	530mm	900mm	1500mm
Up/down time	6s	3s	6s	6s	1s	6s	6s

# SIGANMETRIC

boom gates



optional accessories photocells, flashlights, loop detectors are to be ordered seperately.

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