



**M3/5/7 BAR**

**Electromechanical barrier system  
for road access control**  
**24VDC operator with built-in  
control unit and two loop detectors**  
**For arms 8 to 29 ft**



**LBAR**

**Modular:** Arms of different length are assembled from standard sections connected with an aluminum expansion joint. Elliptical shape reduces wind loads.

**Strength and reliability:** Powder coated structural steel enclosure for long life. High strength steel balance springs guaranteed up to 1,000,000 cycles.

**Optional flashing or traffic light** can be integrated in cover.

**Graceful:** Digital motion control technology provides smooth movement through full cycle. Limit sensing integrated in adjustable hard stops.

**Convenient to service:** control unit located under top cover for easy access. Includes features to mount photo eye on interior of cabinet for protection and a clean look.

**Inherent obstacle detection** automatically reverses arm on contact.

**Automatically switches to standby mode** when idle for minimal power consumption.

**Optional UPS:** Battery backup available to maintain operation in case of power outage.

Model	Description	Approvals
<b>M3BAR/V1</b>	Operator, 24VDC, use with XBA series barrier arms, 8 to 9 ft, incl. XBA3/U XBA16	ETL
<b>M5BAR/V1</b>	Operator, 24VDC, use with XBA series barrier arms, 10 to 16 ft, incl. XBA/U XBA16	ETL
<b>M7BAR/V1</b>	Operator, 24VDC, use with XBA series barrier arms, 16 to 23 ft, incl. XBA3/U XBA16	ETL
<b>LBAR/V1</b>	Operator, 24VDC, use with XBA series barrier arms, 23 to 29 ft, incl. XBA3/U XBA17	ETL

**Technical Specifications**

Model	M3BAR/V1	M5BAR/V1	M7BAR/V1	LBAR/V1
Arm Length Max.	8 to 9 ft	10 to 16 ft	16 to 23 ft	23 to 29 ft

**Electrical data**

Voltage Input	24VDC			
Idle Current	1.3mA	1.1mA	1.1mA	1.3mA

**Performance data**

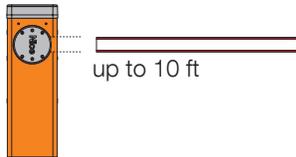
Arm Speed	1.5 - 4 seconds	3 - 6 seconds	6 - 10 seconds	8 - 12 seconds
Maximum Torque	100Nm	200Nm	300Nm	400Nm
Duty Cycle	500 cycles/hr	350 cycles/hr	200 cycles/hr	150 cycles/hr

**Dimensions and general data**

Ingress Protection	IP44			
Temperature Rating	-4° to 122° F (-20° to 50° C)			
Dimensions (inches)	15.5w x 47.8h x 11.9d	15.5w x 47.8h x 11.9d	15.5w x 47.8h x 11.9d	19.7w x 47.8h x 11.8d
Weight	176.4 (80 kg)	176.4 (80 kg)	187.4 (85 kg)	216 (98 kg)

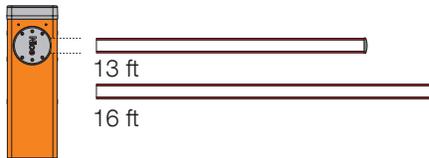
# Arm Opening Coverage per Model

## M3BAR



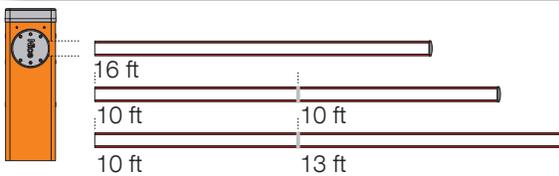
**XBA15**  
10 ft  
White paint-finished  
aluminium bar

## M5BAR



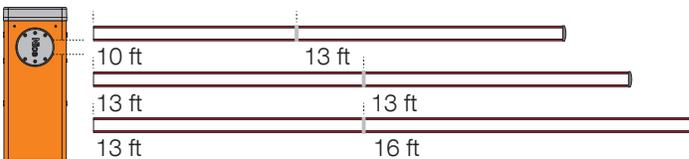
**XBA14**  
13 ft  
White paint-finished  
aluminium bar

## M7BAR



**XBA5**  
16 ft  
White paint-finished  
aluminium bar

## LBAR



**XBA9**  
Expansion joint.

## Nice accessories to complete your MBAR & LBAR system:



**XBA16**  
MBAR plate kit



**XBA17**  
LBAR plate kit



**XBA5, XBA14 & XBA15**  
Barrier arm



**XBA9**  
Expansion joint



**XBA10**  
Break-away pivoting connection  
for bars up to 13 ft



**XBA11**  
Articulating joint for bars up  
to 13 ft



**PS224**  
24VDC battery back-up



**XBA3/U**  
Spare control unit



**WA11**  
Adjustable stand for bars



**WA12R01**  
Mobile stand for bars



**XBA13**  
Rubber impact protection strip



**WA10**  
Red adhesive reflector strips



**XBA7**  
Flashing light for XBA series



**XBA8**  
Integrable traffic light



**XBA4**  
Indicator lights. Length 13.1 ft



**XBA6**  
Indicator lights. Length 19.7 ft



**XBA18**  
Indicator lights. Length 26.2 ft

**SYSTEM DESIGN SUPPORT:** Contact Nice/HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Call to speak with a Nice/HySecurity representative today.

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