

## Outdoor IP67 Ultrasonic Sensor Selection Guide



Outdoor Sensors

Sensor	Pulse Width	Analog Envelope	Serial Interface	Stability Filter	Best Target Filter	Resolution	Max Range	Compact
MB7040			I2C			cm	765	
MB7047			I2C			cm	625	Yes
MB7052	Yes		RS232	Yes	Yes	cm	765	
MB7060	Yes		RS232			cm	765	
MB7062	Yes		RS232	Yes		cm	765	
MB7066	Yes		RS232			cm	1068	
MB7067	Yes		RS232			cm	645	Yes
MB7068	Yes		RS232	Yes		cm	645	Yes
MB7070		Yes	RS232			cm	765	
MB7072		Yes	RS232	Yes		cm	765	
MB7076		Yes	RS232			cm	1068	
MB7077		Yes	RS232			cm	645	Yes
MB7078		Yes	RS232	Yes		cm	645	Yes
MB7092		Yes	RS232	Yes	Yes	cm	765	
MB7360	Yes		RS232			mm	5000	
MB7367	Yes		RS232			mm	5000	Yes
MB7369	Yes		RS232	Yes	Yes	mm	5000	
MB7380	Yes		TTL			mm	5000	
MB7387	Yes		TTL			mm	5000	Yes
MB7389	Yes		TTL	Yes	Yes	mm	5000	

Best Target Filter는 검출된 반향파중 제일 큰 반향파를 출력하는 필터로 탱크수위 검출등의 어플리케이션에 적합함  
 Stability Filter는 센서를 노이즈와 비정상적인 데이터로부터 한번 더 보호하여 줍니다. 반면 민감도는 약간 저하됨.

## Indoor Ultrasonic Sensor Selection Guide



Indoor Sensors

Sensor	Pulse Width	Analog Envelope	RS232	TTL	I2C	USB	Resolution	Max Range
MB1000	Yes		Yes				inch	254
MB1003	Yes		Yes	Yes			mm	5000
MB1004	Yes		Yes				inch	84
MB1010	Yes		Yes				inch	254
MB1013	Yes		Yes	Yes			mm	5000

MB1014	Yes		Yes				inch	60
MB1020	Yes		Yes				inch	254
MB1023	Yes		Yes	Yes			mm	5000
MB1024	Yes		Yes				inch	36
MB1030	Yes		Yes				inch	254
MB1033	Yes		Yes	Yes			mm	5000
MB1034	Yes		Yes				inch	24
MB1040	Yes		Yes				inch	254
MB1043	Yes		Yes	Yes			mm	5000
MB1044	Yes		Yes				inch	12
MB1200	Yes		Yes				cm	765
MB1202					Yes		cm	765
MB1210	Yes		Yes				cm	765
MB1212					Yes		cm	765
MB1220	Yes		Yes				cm	765
MB1222					Yes		cm	765
MB1230	Yes		Yes				cm	765
MB1232					Yes		cm	765
MB1240	Yes		Yes				cm	765
MB1242					Yes		cm	640
MB1260	Yes		Yes				cm	1068
MB1261	Yes		Yes				cm	1068
MB1300		Yes	Yes				cm	765
MB1310		Yes	Yes				cm	765
MB1320		Yes	Yes				cm	765
MB1330		Yes	Yes				cm	765
MB1340		Yes	Yes				cm	765
MB1360		Yes	Yes				cm	1068
MB1361		Yes	Yes				cm	1068
MB1403						Yes	mm	5000
MB1413						Yes	mm	5000
MB1414						Yes	inch	254
MB1423						Yes	mm	5000
MB1424						Yes	inch	254
MB1433						Yes	mm	5000
MB1434						Yes	inch	254
MB1443						Yes	mm	5000
MB1444						Yes	inch	254