Important **Information**

The SGS Safety Grid System instruction manual with installation instructions, application requirements and guidelines, EC Declaration of Conformity, and technical specifications can be found on the accompanying MiniDVD or downloaded at *www.bannerengineering.com* by searching for one of the following part numbers:

- Emitter/Receiver: *202015*
- Emitter/Receiver with Integral Muting: *203065*
- Active/Passive: *203063*
- Active/Passive with Integral Muting: *203064*

The accompanying MiniDVD contains important warnings and safety instructions that must be observed prior to the installation and operation of the device. If the MiniDVD cannot be used, download the full Instruction Manual and Checkout Cards (listed in the manual), including warnings and safety instructions, from *www.bannerengineering.com*. To order a printed copy or if there are any questions regarding the application or use of the device, contact Banner Engineering at (763) 544-3164 or at 1-888-3-SENSOR in the United States.

Table 1: SGS Safety Grid System Emitter/Receiver Models

Model	Beams	Beam Spacing (mm)	Protected Height (mm)	Response Time (ms) (with no scan code)	Response Time (ms) (with scan code)	**Operating** Range (m)
SGSSP2-500Q88	2	500	500	12	19	0.5 to 30
SGSSP3-400Q88	3	400	800	13	22	
SGSSP4-300Q88	4	300	900	14	25	
SGSSP4-400Q88	4	400	1200	14	25	
SGSXP2-500Q88	2	500	500	12	19	6 to 60
SGSXP3-400Q88	3	400	800	13	22	
SGSXP4-300Q88	4	300	900	14	25	
SGSXP4-400Q88	4	400	1200	14	25	

Table 2: SGS Safety Grid System Emitter/Receiver with Integral Muting Models

Model	Beams	Beam Spacing (mm)	Protected Height (mm)	Response Time (ms) (with no scan code)	Response Time (ms) (with scan code)	**Operating** Range (m)
SGSMP2-500Q128	2	500	500	12	19	0.5 to 30
SGSMP3-400Q128	3	400	800	13	22	
SGSMP4-300Q128	4	300	900	14	25	
SGSMP4-400Q128	4	400	1200	14	25	

Table 3: SGS Safety Grid System Active/Passive Models

Model	Type of Unit	Equivalent Beams	Beam Spacing	Protected Height (mm)	Response **time** (ms)	Range (m)
SGSSA2-500Q8	Active Transceiver	2	500	500	11	0.5 to 8
SGSSA3-400Q8		3	380	800	12	0.5 to 8
SGSSA4-300Q8		4	300	900	12	0.5 to 6.5
SGSSA4-400Q8		4	400	1200	12	0.5 to 8
SGSB2-500	Mirror Assembly	-	500	-	-	-
SGSB3-400			380			
SGSB4-300			300			
SGSB4-400			400			

Table 4: SGS Safety Grid System Active/Passive with Integral Muting Models

Model	Type of Unit	Equivalent Beams	Beam Spacing	Protected Height (mm)	Response **time** (ms)	Range (m)
SGSMA2-500Q12	Active Transceiver	2	500	500	11	0.5 to 8
SGSMA3-400Q12		3	380	800	12	0.5 to 8
SGSMA4-300Q12		4	300	900	12	0.5 to 6.5
SGSMA4-400Q12		4	400	1200	12	0.5 to 8
SGSB2-500	Mirror Assembly	-	500	-	-	-
SGSB3-400			380			
SGSB4-300			300			
SGSB4-400			400			

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