SightLogix SightSensor - Pole Mounting Guidelines

30 Foot Pole Mounting Guidelines

Pole Height = 30 ft								
SightSenser Model	Target Maximum Viewing Distance (m)	Lens Horizontal Field of View (FOV)	Maximum Allowed Pole Top Movement* (+/-in) @ 1.0 Hz Pole Vibration		Maximum Allowed Pole Top Movement* (+/-in) @ 5.0 Hz Pole Vibration		Maximum Allowed Pole Top Movement* (+/-in) @ 10.0 Hz Pole Vibration	
			48° Wide	13° Narrow	48° Wide	13° Narrow	48° Wide	13° Narrow
SL-SS-DS100	500 m/1640 ft	48° - 13°	28.2	7.6	5.7	1.5	2.8	0.7
SL-SS-NS100	90 m/300 ft	50°	58.6		11.7		5.8	
SL-SS-NS200	130 m/430 ft	36°	44.0		8.4		4.2	
SL-SS-NS300	230 m/750 ft	20°	23.5		4.7		2.3	
SL-SS-NS400	330 m/1080 ft	14°	16.5		3.3		1.6	
SL-SS-NS800	660 m/2170 ft	7°	8.3		1.6		0.8	

* NOTE: pole top movement represents linear movement of a vibrating pole top about the vertical center.

20 FT Pole Mounting Guidelines

Pole Height = 20 ft								
SightSenser Model	Target Maximum Viewing Distance (m)	Lens Horizontal Field of View (FOV)	Maximum Allowed Pole Top Movement* (+/-in) @ 1.0 Hz Pole Vibration		Maximum Allowed Pole Top Movement* (+/-in) @ 5.0 Hz Pole Vibration		Maximum Allowed Pole Top Movement* (+/-in) @ 10.0 Hz Pole Vibration	
			48° Wide	13° Narrow	48° Wide	13° Narrow	48° Wide	13° Narrow
SL-SS-DS100	500 m/1640 ft	48° - 13°	18.8	5.1	3.7	1.0	1.8	0.5
SL-SS-NS100	90 m/300 ft	50°	39.0		8.1		3.9	
SL-SS-NS200	130 m/430 ft	36°	28.2		5.8		2.8	
SL-SS-NS300	230 m/750 ft	20°	15.6		3.1		1.5	
SL-SS-NS400	330 m/1080 ft	14°	10.9		2.2		1.1	
SL-SS-NS800	660 m/2170 ft	7°	5.5		1.1		0.6	

* NOTE: pole top movement represents linear movement of a vibrating pole top about the vertical center.