

Installation

There are several methods/hardware options available for the installation of the sign.

Standard Pole Banding Mounting (hardware included)

The SafePace® 100 radar sign and optional solar panel should optimally be mounted on a 12 -14 foot pole.

Attach the supplied banding brackets to the top and bottom of the rear of the sign with the supplied tamper-proof, M6 security screws.



Figures 3 & 4, standard banding bracket mounted directly to sign with M6 tamper-proof screws

Insert the stainless steel banding strap into the bracket and fasten the sign to the pole. Tighten with a nut driver until secure. See Figure 5 below.



Figure 5, Sign Secured to a Pole with Banding Strap

Universal Mounting Bracket System (Optional)

The SafePace® 100 radar sign comes with an optional Universal Mounting Bracket that allows the sign to be easily mounted to virtually any type of pole or surface in a quick, easy and secure manner.

The SafePace® 100 mounts to the bracket and is just as easily removed from the bracket with just the turn of a key. The quick mount and dismount feature of this bracket readily allows the sign to be moved from one location to another with relative ease and convenience.

Installing the Universal Mounting Brackets

Sign Bracket

Attach the Sign Bracket to the backside of the sign using the included hardware.



Figure 6, Use supplied hardware



Figure 7, Backside of Sign bracket

Pole Bracket

The Pole Bracket can be secured to any type of standard pole or Telespar type pole by a choice of banding straps, lag screws, or bolts and nuts.



Figure 8, Pole Bracket mounted to circular pole



Figure 9, Pole Bracket mounted to 2" Telespar pole

Installation of Pole Bracket on Telespar Pole

Use the supplied 2.5" stainless steel security bolts and nuts to secure the Pole Bracket to the 2" Telespar pole.



**A 2 inch Telespar pole should be used
It is very important that the head of the bolt be placed on the Telespar pole (See Figures 10 and 11) and that the nuts be placed on the inside part of the bracket (see Figures 12 and 13).*

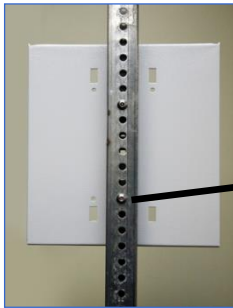


Figure 10

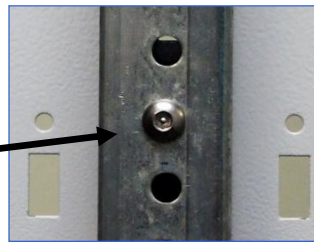


Figure 11

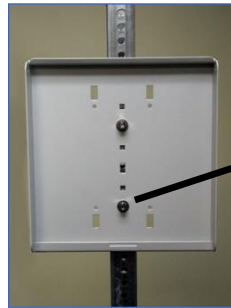


Figure 12

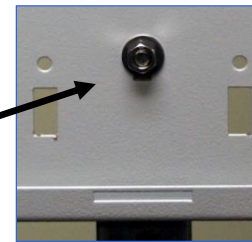


Figure 13

Installation of the Pole Bracket using supplied banding straps

It is highly recommended that if banding is used to secure the Pole Bracket additional screws and/or bolts should also be used (see Figure 15 below) to further prevent theft and vandalism.



Figure 14, Pole bracket banded to utility pole



Figure 15, Additional lag bolts should be used for added security



Figure 16, Profile view of pole bracket

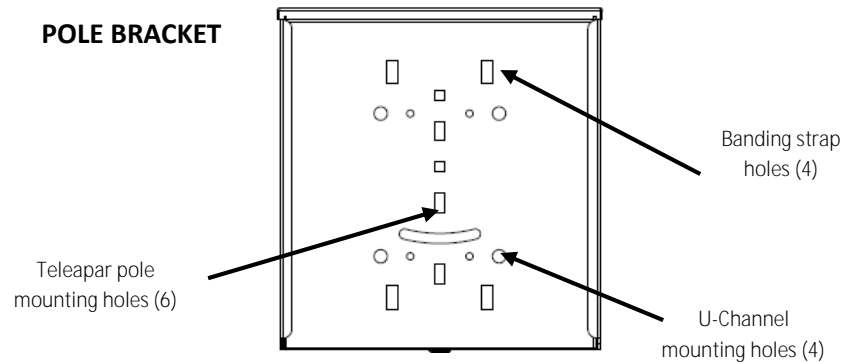


Figure 17

Mounting and Dismounting the Sign

The SafePace® 100 radar sign easily mounts by sliding the sign down onto the Pole Bracket and dismounts by sliding the sign up off of the Pole Bracket. Once mounted, the sign should be locked into place as shown in Figure 20.

Step 1: Position the sign above the bracket.

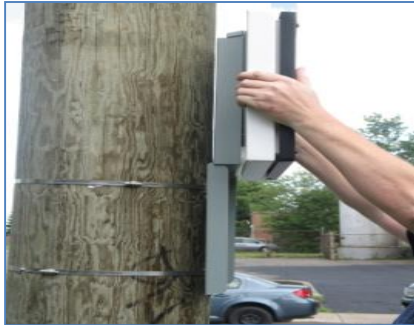


Figure 18

Step 2: Slide the sign down the bracket.



Figure 19

Step 3: Lock the sign in place.



Figure 20

Locking Mechanism in "unlocked" position

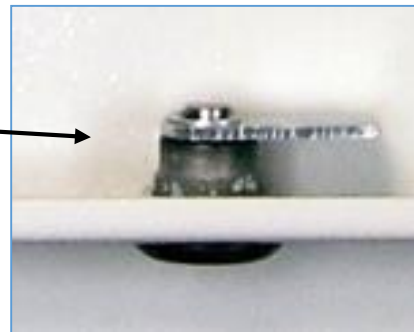


Figure 21



WARNING: To prevent damage to the locking mechanism of the Universal Mounting Bracket System, the key must be removed from the lock and the locking mechanism must be set in the "unlocked" position (see picture on right) **BEFORE** sliding the sign ON or OFF of the Pole Bracket.