

**R**ANGER  
**I**NSTRUMENTS



**6500**

# **Mounting Options Manual**

# Introduction

This manual covers the various mounting options for the Ranger **6500** Remote Display. The other manuals covering the **6500** are:

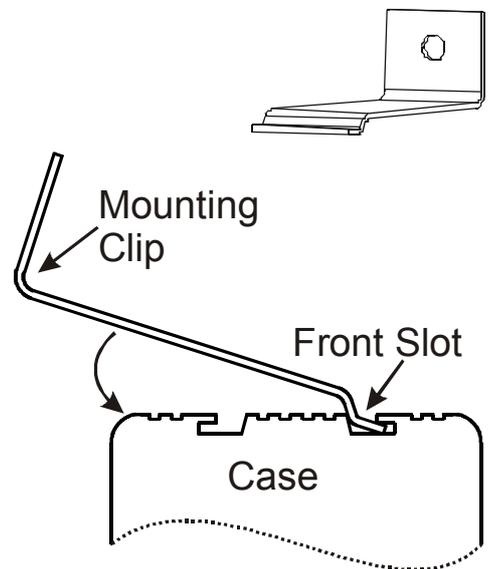
- **6500** Reference Manual (6500-600);
- **6500** Quick Start Manual (6500-601);
- **6500** Operators Manual (6500-602).

These manuals are available for download from the Ranger Instruments web site:

[www.rangerinstruments.com](http://www.rangerinstruments.com)

## Mounting Clips

All mounting options require the use of the four (4) mounting clips shipped with the **6500**.



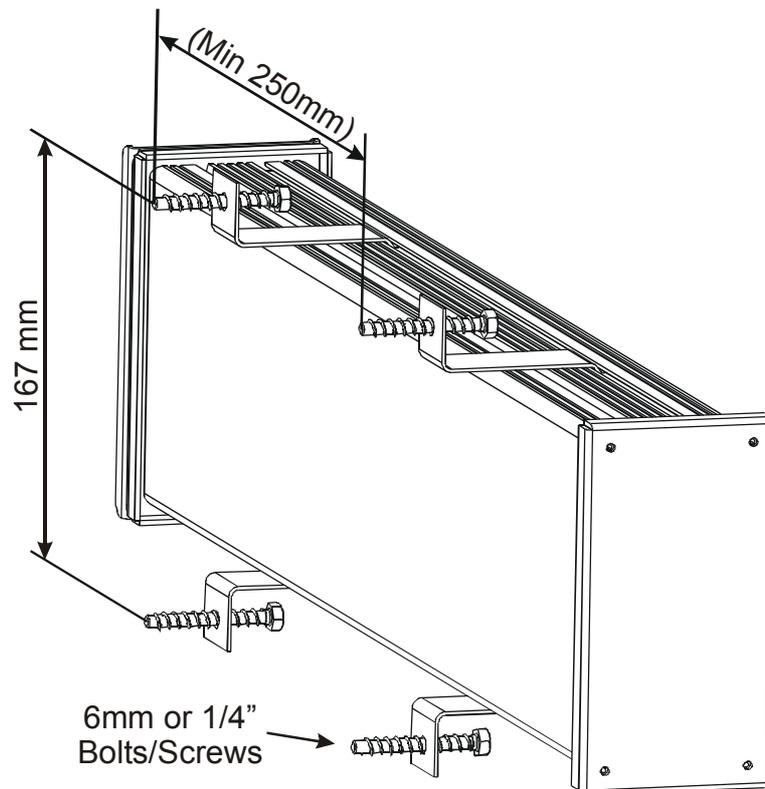
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# Wall Mounting

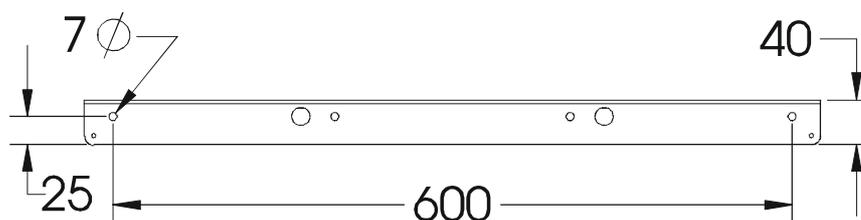
## Attaching the 6500

1. Fit two lower mounting clips to wall using 6mm or 1/4" bolts
2. Pre-drill the two top holes, but do not attach mounting clips
3. Angle top out and insert lower mounting clips into front track
4. Insert two top mounting clips into front track
5. Rotate top toward wall, until mounting clips touch the wall
6. Fix top mounting clips in place using 6mm or 1/4" bolts



## Fitting the Weather Shield to Wall Mounted Unit

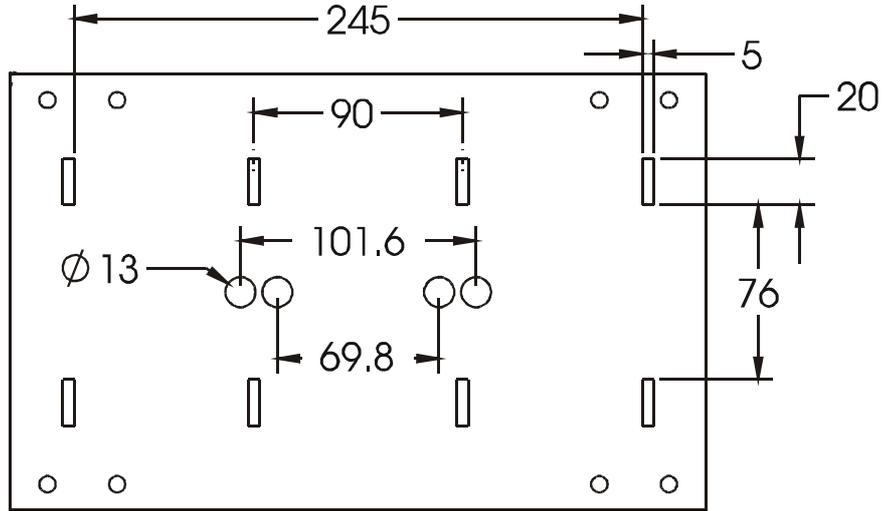
Bolt the Weather Shield to the wall as close to the top of the 6500 as possible.



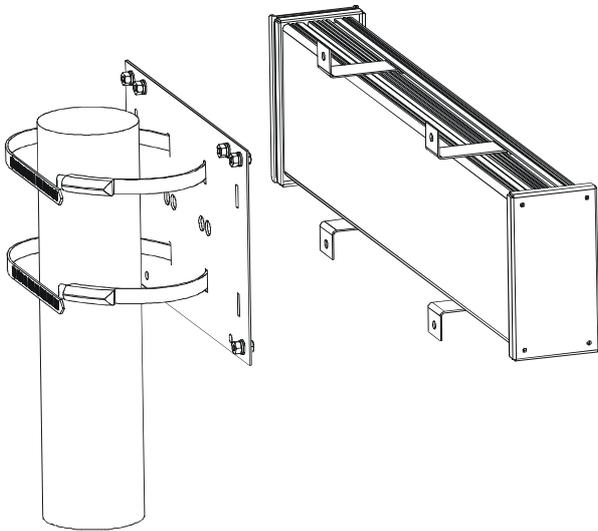
# Post Mounting using the Mounting Plate

The mounting plate provides several different mounting options for post mounting, which are illustrated below. Please note that hose clamps and U-bolts are not supplied.

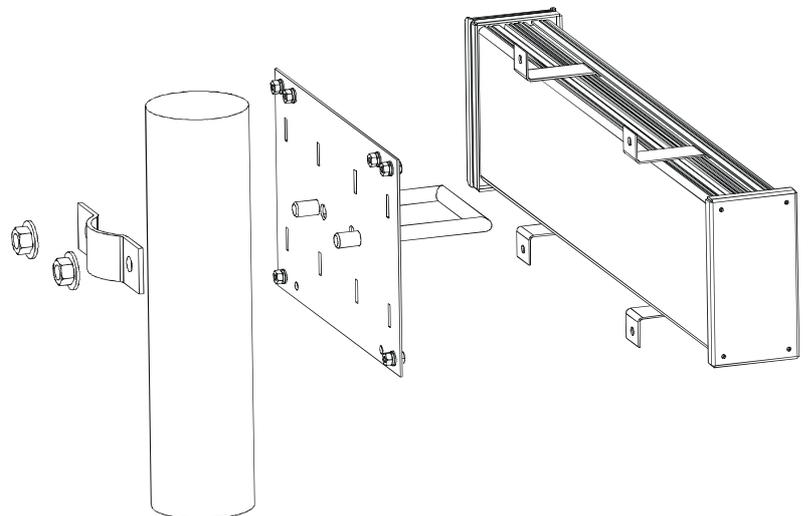
Mounting Detail



Post mounting using hose clamps

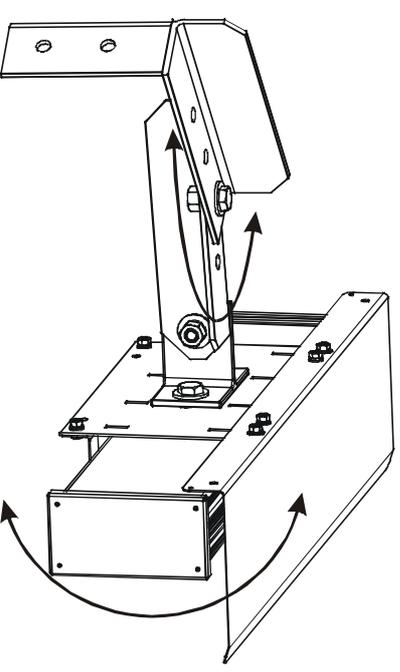


Post Mounting using a U-Bolt

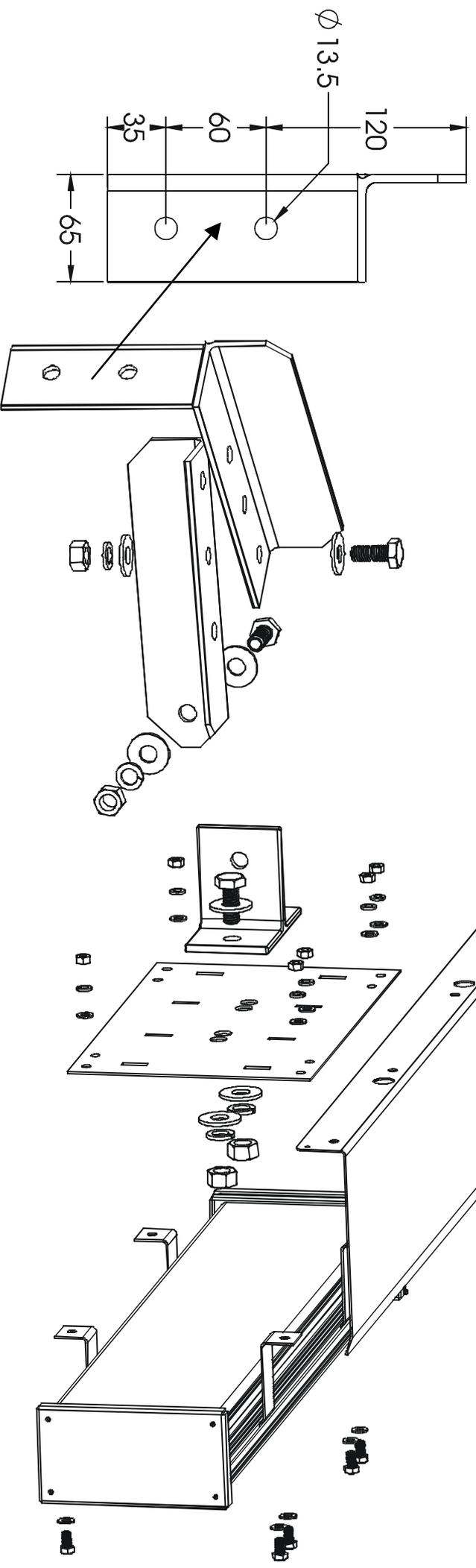


## Using the Swivel Mount

The **6500 Swivel Mount** provides a versatile mounting assembly, providing rotation in two axes. A complete assembly diagram is given below. All assembly hardware is supplied, however additional Installer supplied mounting bolts are required to affix the Swivel Mount to the wall. Examples of mounting configurations are given on the next page.

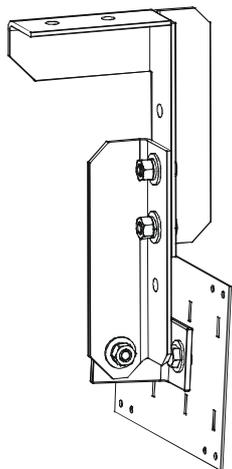


Mounting Detail

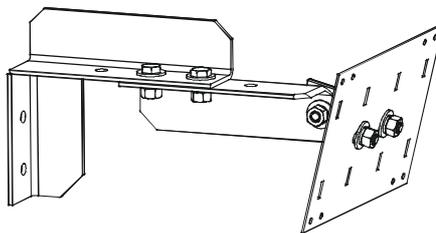


# Suggested Swivel Mounting Configurations

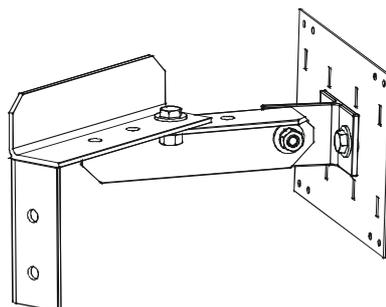
Ceiling Mounted



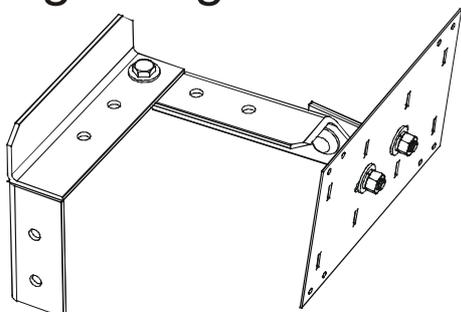
Half Extended (Straight)



Fully Extended

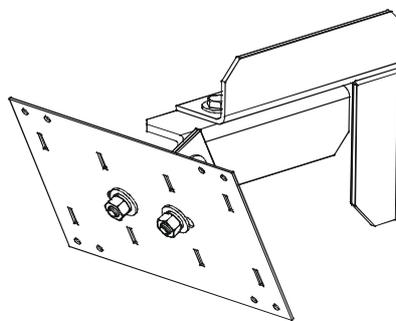
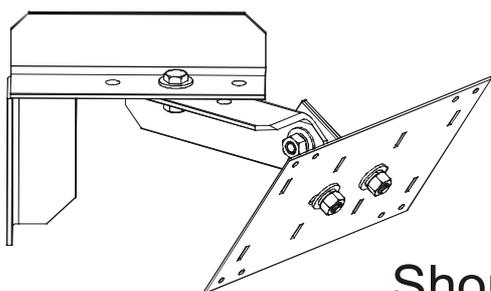


Right Angle to Wall

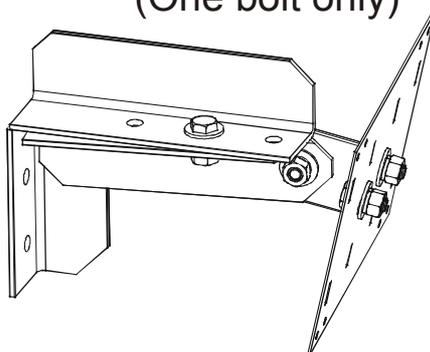


Normal Position  
(Not extended with  
two bolts used)

Normal Position (Angled)

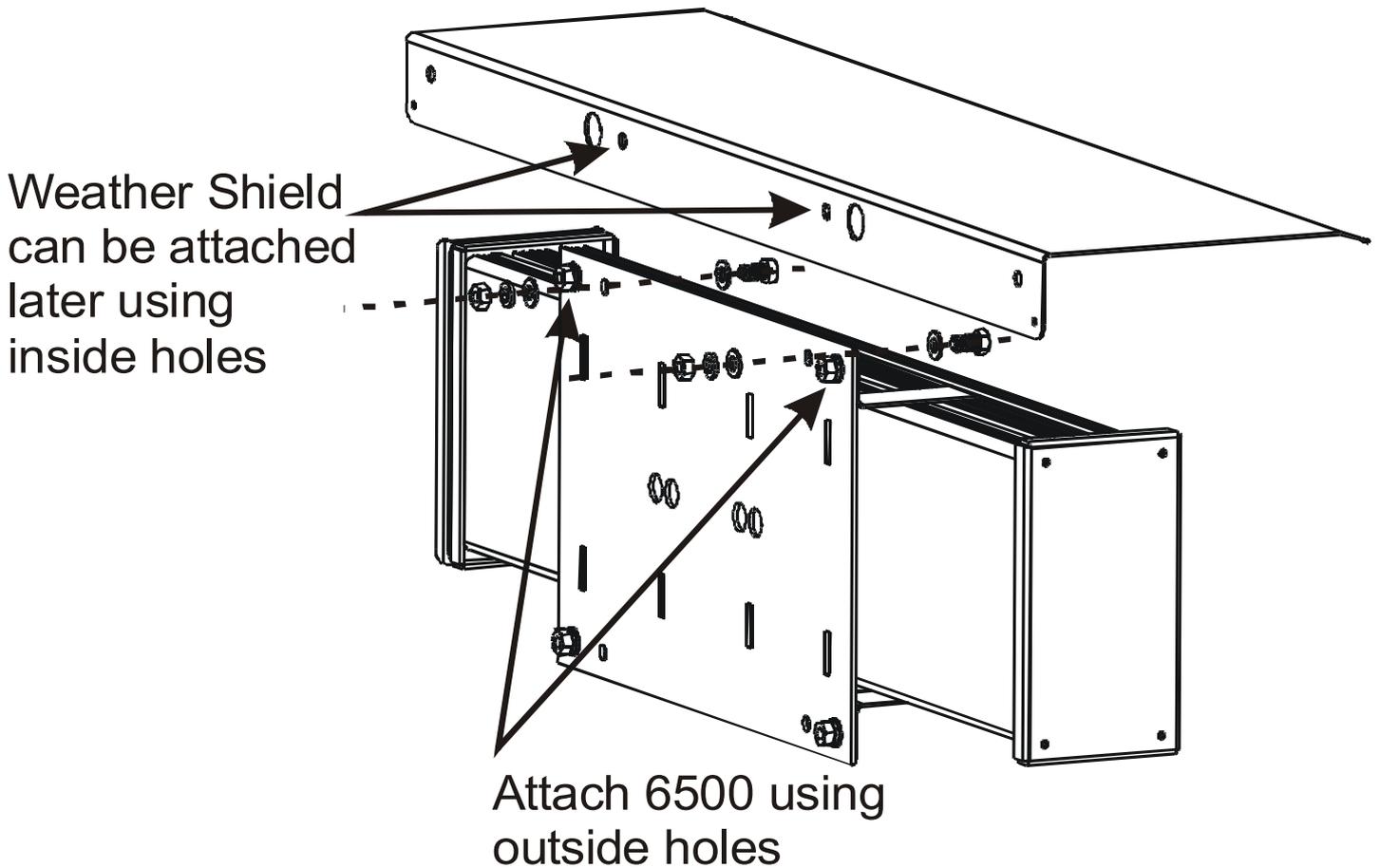
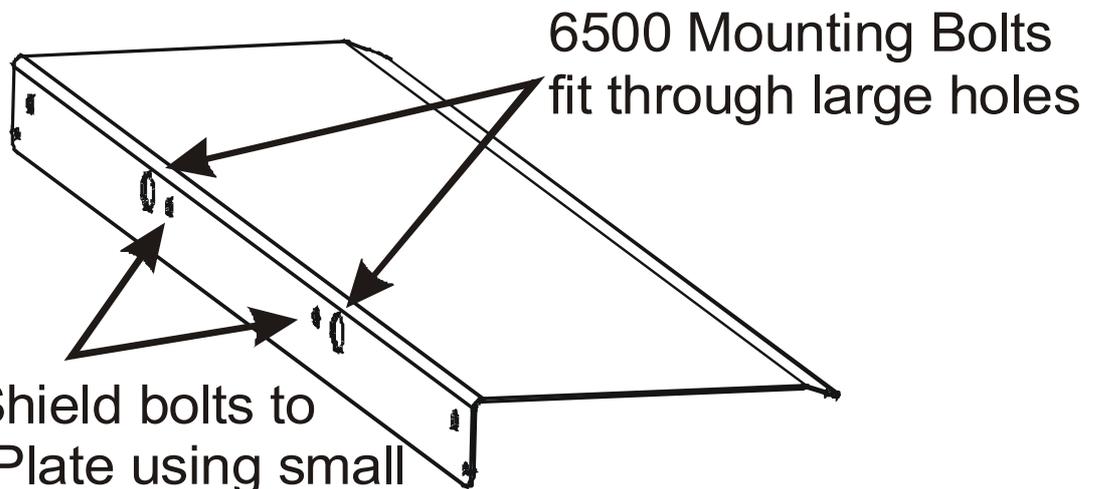


Shortest Position  
(One bolt only)



## Fitting the Weather Shield (to the Mounting Plate)

The Weather Shield is designed to attach to the Mounting Plate prior-to or after installation of the **6500**. Use the outer holes on the Mounting Plate to attach the **6500**. Use the inner holes on the Mounting Plate to attach the Weather Shield.





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This document contains a general guide only of the operation of the product and shall not form any contract. The specifications of the product may be altered without notice.

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