The patented Vortex VMS kit is designed to provide the user with a highly flexible, adaptive system to stabilize the Vortex Recon scope along with any Picatinny rail mounted accessories. Due to its modular design, the VMS offers many options in mounting rail locations for these accessories. The key advantage to the VMS kit is its ability to fit virtually any application and use with the Recon scope. There is no right or wrong way to assemble the VMS — each use may be slightly different, and the VMS is designed to be as versatile as possible.
Included Accessories

- Upper U-Bracket
- Lower U-Bracket
- AR15 Stock Adapter
- Battery Compartment
- (3) Short Picatinny Rails
- Picatinny Rail Spacer
- Long Double Picatinny Rail
- Tripod Adapter Mount

Recon R/T VMS with Shoulder Stock and Bipod.

Bipod and shoulder stock not included.

Recon R/T with VMS on Tripod.

Tripod not included.
Setting Up the VMS Kit

U-bracket
Install the VMS lower U-bracket onto the long Picatinny rail, positioning as desired. To attach, loosen the mounting screw and engage the clamp on desired rail slot. Be sure the clamp and crossbolt are fully engaged and retighten screw.

If desired, upper U-bracket may be installed on top of lower U-bracket. *Upper U-bracket is only necessary for top-mounted accessories.* To install, unscrew flip levers from lower U-bracket (turn counter-clockwise) until they can be removed. Be careful to leave small springs in place when removing screws.

Remove the bracket clamps from flip lever screws (bracket clamps will not be used with upper U-bracket). Install flip lever screws through holes in upper U-brackets. Install screws through springs and down into threads on lower U-bracket. Tighten screws until finger tight, and then back off approximately two turns.

Release the flip levers on the lower VMS U-bracket and slide the Recon into bracket. The Recon can be positioned in U-bracket in either direction. Be sure the rail segments and grooves are engaged and flip levers down to locked position, clamping the Recon in place. To adjust clamping pressure, the flip levers can be turned in or out.

*Slide Recon R/T into bracket.*

*Flip levers to locked position.*

*Lever in released position.*

*Lever in locked position.*
Accessory Picatinny Rails
If desired, short accessory Picatinny rails may be installed on sides and top of U brackets. Rails may also be installed on sides of AR stock spacer using included screws.

Installing rail on top of U-bracket.

Installing rail on side of U-bracket.

Attaching Accessories
Generally, most users will want to stabilize the VMS kit using popular aftermarket accessories such as vertical AR15 style bipod grips, tripods or AR15 type riflestocks. These may be used individually or in any combination desired.

Tripod Adapter Plate
To use a tripod, the tripod adapter plate must be installed on bottom of long rail. Adapter plate will accept standard tripod mounting screw.

Recon R/T with VMS shown installed on a quick-release style tripod.
**AR15 Stock Adapter**

To use an AR15 stock, the stock adapter must be installed on bottom rear of long rail. If desired, the AR spacer can be used between rail and stock adapter for a lower stock height and additional mounting locations for Picatinny rails. AR spacer includes small battery compartment.

**Other Accessories**

Accessories using Picatinny rail clamps may be located in several locations on the VMS kit U-brackets depending on user preference.

- **Vertical grip installed on**
  **bottom part of the long rail.**

- **Flashlight installed on**
  **left side of the U-bracket.**

- **Laser rangefinder installed on**
  **top of the U-bracket.**

- **Shown accessories, the vertical bipod grip, tripod, and AR stock are not included.**
Shown accessories not included.

Laser designator installed on right side of the U-bracket.

In-line optics enhancers such as thermal devices and NV can be mounted forward of Recon R/T on the long rail.
**Vortex Service and Repair Policy**

**Vortex Lifetime Limited Warranty**

Vortex Optics offers a lifetime limited warranty against manufacturer defects in materials and workmanship for the life of the product. Rest assured, if the VMS should ever require repair, all you need to do is contact Vortex for service.

Call 800-426-0048 or e-mail service@vortexoptics.com.

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