

PAV Survey & Installation Kits

To assist PAV partners worldwide in the implementation and installation of PAV free space optical products, the following engineering kits have been created to assist our partners in all the areas associated with the survey and installation of PAV free space optical products. All kits are enclosed in high quality alloy carry cases.

The **PAV Premier Survey and Installation Kit** contains everything needed to ensure a successful implementation of the PAV products from the initial site survey through to the actual installation of the PAV free space optical product. The kit includes the following high quality components, which are all vital for the implementation of a PAV system.

- **Hand held GPS Meter**
 - **Compass**
 - **Alignment Phones/Meter**
 - **Basic Alignment Scope**
 - **Optimal Alignment Tool**
 - **Alignment Masks**
 - **Digital Multimeter**
 - **Customised Hand Tools**
- Price \$1700.00**

The **PAV Basic Installation Kit** contains the minimum recommended tools for ensuring the successful alignment of PAV systems. The kit contains:

- **Alignment Phones/Meter**
 - **Basic Alignment Scope**
 - **Optimal Alignment Tool**
 - **Alignment Masks**
- Price \$1150.00**

The **PAV Survey Kit** provides the tools for confirming line of sight, exact distance and orientation of a proposed installation. The kit contains:-

- **Binoculars 8 x 40mm**
 - **Hand held GPS meter**
 - **Handheld Directional Compass**
- Price \$525.00**

Each of the components included in the kits complements a vital roll in the deployment of your FSO system.

GPS

A GPS is used to determine an accurate distance (in a straight line) between your two potential FSO sites.

Compass

A compass is used to obtain the exact direction the PAV system will operate at. This also ensures that potential East – West installations are logged at the site survey stage.

PAV Basic Alignment Scope

A high quality telescopic site mounted onto a fitting bracket that allows the unit to be mounted onto the PAV system and greatly assist the installation engineers in the initial basic alignment procedure.

PAV Alignment Head Phones

The PAV alignment headphones are used to allow 2 way voice communications across the PAV link heads and also to display the received signal power.

PAV Optimal Alignment tool

The PAV alignment tool is used to aid in the fine alignment process of the PAV link heads, to ensure that the maximum signal is been transferred from each transmitter to receiver.

Digital Multimeter

This is an essential item to ensure the correct termination of cables and the power status of a system. A very useful aid when fault finding.

Hand Tools and Documentation

Finally having the right tools for the job is essential. The Premier kit contains all of the correct hand tools for ensuring a high quality of installation. Each kit contains full documentation for the items enclosed.