



SALES INFORMATION & SPECIFICATIONS

Covert-Systems.com

by Ross Associates

Date: 3/05 - Restrictions: None

**Video
Microwave
Antenna
System**

Portable Video Microwave Antenna System

MODEL # KSS-ATS-4



\$2,495.00

Features:

- Portable (2400 to 2500 Mhz)
- Engineered Antenna Pattern
- 14 or 18 dBi Gain
- Operates with KSR-3600 Receiver Series



Kit Shown: KSR-3650 Video Microwave Receiver
***Kit Not Included**

Specifications:

Gain:
Directional: 14 dBi
Omni: 4 dBi
Polarization: Right Hand CP

Optional Gain: 18dBi

Description:

When used with our KSR-3650 series Diversity microwave receivers, the array works as a semi-auto tracking ground station. The very special 4 dB RHCP OMNI log spiral has a 360 degree horizon and 90 degree vertical radiation pattern giving it a typical receive range of 7+ miles. Should the aircraft range be farther, the 14 dB phased dual helical is simply pointed to +/- 30 degrees at the A/C to get a range of 30+ miles. (Line of sight) The vacuum mount will adhere to any smooth surface making it ideal for our KSR-3600 series receiver kits.

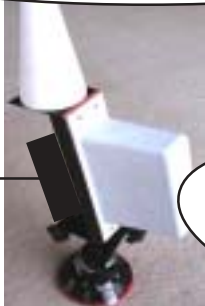
We do offer a 18 dBi RHCP version at an attitional cost, but offering a longer range.

Visit our web site www.covert-systems.com

12305 E. Triple T Ln Prescott Valley, AZ 86314 * 928-759-2121 Fax 928-772-9567 Email sales@covert-systems.com

**Local Antenna Pattern
4 to 5 Mile Range
Typical**

**2 Channel Diversity
Receiver in Weather
proof housing**



**Long Range Antenna
30 to 35 Mile Range**

**KSS-ATS-4R
\$4350.00**

The KSS-ATS-4R combines our very sensitive diversity receiver with the new portable antenna. The system may now operate as a complete portable video microwave receiving system for 2050 to 2500 Mhz. The system operates from a single 12 Vdc source. Just run a cable down to your monitor in the command post or mobile and have a great picture from the helicopter video down link. As the helicopter flies further away from the command post, just rotate the long range antenna toward the helicopter and remain receiving the video signal out to about 35 miles. By ordering the 18 dBi antenna, the range should be extended by about 5 miles. This antenna without the diversity receiver and substituting our new digital receiving system at 2.4 Ghz, the local range as well as the long range will be extended up to about 20 to 30%.