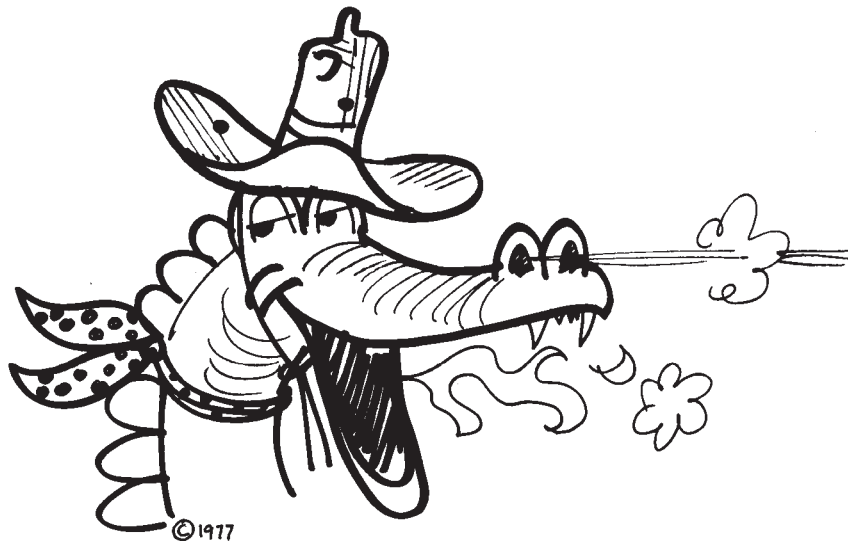




Covert Systems, LLC
2005
Short Form Catalog
Microwave Products



Law Enforcement Only

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Covert Systems, LLC 12305 E. Triple T Ln Prescott Valley, AZ 86314
1-928-759-2121 Fax 928-759-2144 * www.covert-ssystems.com

Microwave Transmitters



KST-250 1/4 WATT VIDEO TRANSMITTER

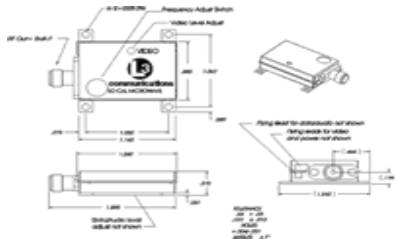
Features:

- √ 1/4 Watt Output Power
- √ 16 Channels
- √ One Audio Sub-carrier
- √ Miniature
- √ Available in 100 MW
- √ .41 Cubic Inch

Price \$1550

Specifications:

Power:	1/4 Watt
Voltage:	9-15 Vdc
Current:	90 to 140 Ma
Size:	.41 Cubic Inches
Audio Sub-carrier:	4.83-8.5 Mhz



Description:

This video transmitter microwave transmitter is the smallest 1/4 watt transmitter on the market place today. Frequency ranges that are available are from 900 Mhz to 5900 Mhz. This unit can be body worn with our dual antenna system with a range of 2000' or more.

“Cricket”



KST-250/2 1/4 to 2 Watt Video Transmitter

Features:

- √ UHF, L, S, or C-Band Operation
- √ Single or Multi-Channel Options
- √ 1/4, 1, or 2 Watt RF Output Options
- √ High Quality NTSC or PAL Color Video
- √ 5 Cubic-Inch Compact Size for Concealment Applications
- √ Single or Dual Audio Subcarriers

Price \$3800

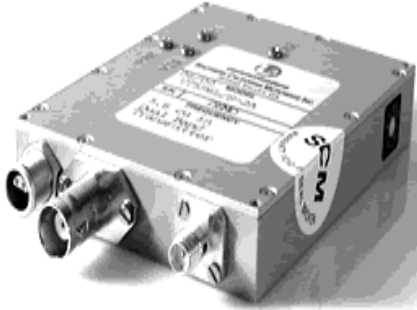
Specifications:

Power:	1/4 to 2 Watt
Channels:	48
Bands:	UHF, L, S, C
Voltage:	11 to 18 Vdc
Current:	1 Amp
Audio sub-carriers:	2
Size:	.6 x 3.25 x 2.45

Description:

The KST-250/2 transmitter was designed for those who want a dual power transmitter. This unit is available up to 48 channels, over a 200 Mhz bandwidth. Great for remote control devices such as our SAM-9000 or vehicle covert applications.

Microwave Transmitters



KST-2/500 2 to 5 Watt Video Transmitter

Features:

- √ UHF, L, S, or C-Band Operation
- √ Single or Multi-Channel
- √ 2 or 5 Watt RF Output
- √ High Quality NTSC or PAL Color Video
- √ Single or Dual Audio Subcarriers
- √ Low Current Draw for Extended Operation Time

Price \$3800

Specifications:

Power:	2 to 5 Watts
Voltage:	11 to 18 Vdc
Current:	1.2 to 2.2 Amps
Audio Sub-carriers:	2
Band:	UHF, L, S
Channels:	Up to 48
Size:	.6" x 3.3" x 2.7"

Description:

This unit offers the maximum R.F. output for Law Enforcement. Up to 16+ channels can be programmed along with 2 audio channels. Great for all long range applications.



KST-12 5 or 12 Watt Video Transmitter

Features:

- √ L, S, Dual L - S, C, or X-Band Operation
- √ Advanced Microprocessor Control
- √ Local and Digital Remote Frequency Selection
- √ High-Quality NTSC or PAL Color Operation
- √ 20 Cubic Inch Compact Size
- √ L or S-Bands Available in 5 and 12 Watt Outputs
- √ Dual Output Power Levels

Price \$ 6500

Specifications:

Power:	5 to 12 Watts
Voltage:	11 to 16 Vdc
Current:	1.1 to 5.5 Amps
Audio Sub-carrier:	2
Bands:	L and S
Channels:	Continuous
Size:	4.25 x 3.25 x 1.48"

Description:

This is one of our most powerful video transmitters. The unit may be remotely controlled via RS232, RS0422 or RS-485.

This unit offers a dual R.F. output required in many applications. This unit is recommended for our airborne operations and must be used with a heat sink.

SALES INFORMATION & SPECIFICATIONS



Covert-Systems.com

by Ross Associates

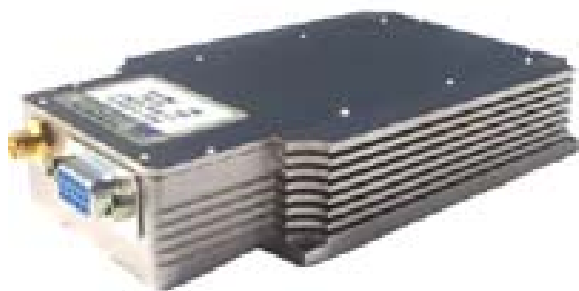
Transmitter
Digital

Date: 1/04 - Restrictions: None

Digital Video Transmitter

MODEL # KST-COFDM

NEW!



Features:

- Secure - With optional Scrambling
- COFDM Type Modulation
- Frequency Range From 900Mhz to 6Ghz
- Systems Delay (~40 mSec) - Latency
- Built-in MPEG-2
- Up to 30 Mbps Data Rates
- Rugged and Compact Portable Design

Applications:

- High-Security Surveillance Applications
- Helicopter Video Down Links
- UAV/UGV Applications
- Mobile & Portable Applications
- Sports, POV, and ENG
- Wireless Studio Applications

\$14,995.00

Specifications:

Frequency:	900Mhz to 6Ghz (in bands)
Bandwidth:	6, 7, & 8 Mhz
Power Output:	100 mW
Operating Power:	9 to 15Vdc @ 12 Watts
Composit Video Input:	NTSC
Compression Standard:	MPEG-2
Lines:	525 & 625
Video Delay:	~40 Msec
Audio Channels:	Stereo
Software to change frequency:	Supplied
Modulation Type:	COFDM - QPSK

Description:

The MDL provides a unique combination of security and link reliability for the most demanding short or long distance Audio/Video (A/V) point to point transmission applications. **MDL uses a robust digital modulation system known as Coded Orthogonal Frequency Division Multiplexed (COFDM) that provides frequency diversity and powerful Forward Error Correction (FEC) algorithms.** The Messenger Digital Receiver (MDR) includes an option for Spatial Diversity Combining to combat short delay spread multipath reflections found in indoor environments. **The MDL provides a robust wireless link that is effective against the multipath interference experienced by analog systems, and provides crisp, clear pictures in the most difficult of terrains!**

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Microwave Receivers



KSR-357 Video Microwave Receiver - 8 Channels

Features:

- √ 12 Vdc Operation
- √ 6.0 & 6.5 Mhz Audio Subcarriers
- √ NTSC Video Output
- √ Color
- √
- √

Price \$995

Specifications:

Frequency Range:	1700 -1800 Mhz 2400-2500 Mhz
Pre-set Channels:	8
Audio Channels:	6.0 and 6.5 Mhz
Field Strength Meter:	Yes
Sensitivity:	-80 dbm
Case:	Metal - Black Anodized
Size:	
Voltage:	12Vdc @140 Ma

Description:

This 8 channel mobile receiver is mounted in a metal case with mounting holes that allow mounting under the dash, in the center console, or in the trunk of the police car.

The 8 channel selector switch is easy to operate and the built-in field strength meter allows observation of receiver signal.

Mobile LCD monitors are available in many sizes and mounting configurations.



XR-100 Video Microwave Receiver 16 Ch

Features:

- √ 16 Frequencies
- √ Field Strength Meter
- √ -80 dbm Sensitivity
- √ Small
- √ All Bands
- √
- √

Price \$2700

Specifications:

Frequency Range:	1.7 to 6.0 Ghz
Channels:	16
Voltage:	11 to 15 Vdc
Sensitivity:	-78 dbm
Output:	1 V p-p
Audio Channels:	2

Description:

The XR Series of receivers from GMS are advanced technology microwave receivers capable of operation at 1.7-1.85, 2.0-2.7, 4.4-5.0, 6, 7, and 8 GHz bands. The XR Series demodulates one video and two audio signals from a composite analog RF source. The XR Series is fully synthesized and operates up to 16 pre-programmed Channels. The Channel Select is controlled by a microprocessor and a BCD rotary switch sets the desired channel. The XR includes LED display for representation of power and signal strength to facilitate path alignment. The XR Series features an integral RF Band Pass Filter and Low Noise Amplifier at the RF input with a nominal noise figure of 4.5

Microwave Receivers



MR-100 Video Microwave Receiver

Features:

- √ Multi-Channel Operation
- √ 2 Video Outputs
- √ Remote Controllable
- √ Wide Frequency Ranges Available
- √ Broadcast Quality
- √ Compact Size

Specifications:

Frequency Range:	1.7 to 6 Ghz
Channels:	Multi
Voltage:	11 to 15 Vdc
Sensitivity:	-83dBm
Video Outputs:	2
Audio Outputs:	2
Size:	3.25 x 4.25 x 1.5"
Input Impedance:	50 Ohm
S/N Ratio	58 db

Price \$3995

Description:

The MR series of receivers are designed for ease of operation. The channel frequency is displayed on an LCD display as well as the signal strength and audio channel being used. As many frequencies may be programmed into the unit as desired. The unit is very small and is our top of the line receiver.



KSR-3500 Digital Microwave Video Receiver

Features:

- √ COFDM Type Transmission
- √ Frequency Range from 900 Mhz to 6 Ghz
- √ Latency less than 40 ms
- √ Built-in MPEG-2 Decoder
- √ Up to 30 Mbps Data Rates
- √ Direct Video Input

Price \$Call

Specifications:

Frequency Range:	900 Mhz to 6 Ghz
Bandwidth:	6 to 8 Mhz
Operating Power:	9 to 15 Vdc
Video:	NTSC
Audio Channels:	Stereo
Modulation Type:	COFDM
Diversity Option:	Yes

Description:

The MDL provides a unique combination of security and link reliability for the most demanding short or long distance Audio/Video (A/V) point to point transmission applications. MDL uses a robust digital modulation system known as Coded Orthogonal Frequency Division Multiplexed (COFDM) that provides frequency diversity and powerful Forward Error Correction (FEC) algorithms. The Messenger Digital Receiver (MDR) includes an option for Spatial Diversity Combining to combat short delay spread multipath reflections found in indoor environments. The MDL provides a robust wireless link that is effective against the multipath interference experienced by analog systems, and provides crisp, clear pictures in the most difficult of terrains!



Diversity Video Microwave Receiver Kit KSR-3650

Features:

- √ Multi-Channel Operation
- √ 2 Video Outputs
- √ Remote Controllable
- √ Wide Frequency Ranges Available
- √ Broadcast Quality
- √ Compact Size

Price \$6995.00

Specifications:

Frequency Range:	1 or S band
Recorder:	Sony D200
Monitor:	5" LCD
Power:	12 Vdc @ 1.25 amps
Size:	18.5 x 15 x 7"
Weight:	14.5 Lbs
Audio:	6.0 Mhz
Channels:	1 Mhz steps

Now with built-in remote camera control transmitter (E1 & E2 Option)

Description:

This new Video Microwave Receiver/recorder was designed to offer a small video receiver/recorder package with all the power of large units. The Digital/Hi-8 recorder has a built-in date time generator for accurate recording. The high resolution of 450 lines with digital zoom. The microwave receiver is fully tunable over the entire police band plus more. The new dual diversity receiver minimizes multipath signals. The built-in audio amplifier and speaker allows easy monitoring of the one audio subcarrier. An optional built-in DTMF encoder and transmitter controls the pan & tilt as well as the camera zoom and focus.

Features:

- √ Multi-Channel Operation
- √ 2 Video Outputs
- √ Remote Controllable
- √ Wide Frequency Ranges Available
- √ Broadcast Quality
- √ Compact Size

Specifications:

Description:

Microwave Receiver Kits



KSR-3525 Video Microwave Receiver Kit

Features:

- ✓ 8 Channel Receiver
- ✓ 12 Vdc Operation
- ✓ 5.7" LCD Monitor
- ✓ 6.0 and 6.5 Mhz Audio Sub-carrier
- ✓ Portable
- ✓ DPF Feature (Dual Purpose Format)

Price \$3495

Description:

Frequency Range: 1700 to 2500 Mhz
Preset Channels: 8
Audio Channels: 6.0 and 6.5 Mhz
Monitor: LCD-TFT- 5.7"
Field Strength Meter: Yes
Power: 12 Vdc
Weight: Lbs
Size: 13" x 12" x 6"
Case: Pelican 1400
Options: Internal battery \$125
Directional Antennas Call

This kit contains our 8 channel video microwave receiver with a sensitivity of a -80 dbm and 2 audio sub-carrier channels. The three police frequencies of 2458, 2461, and 2475 Mhz are standard programmed frequencies. LAPD and LASO helicopter down link channels are also provided. The unit maybe ordered with your 8 private channels and two audio channels. The DPF feature is also incorporated in this unit for local testing of cameras and microphones. Cases are available in Black, Orange, Silver & Yellow.



KSR-3550 Video Microwave Receiver Kit

Features:

- ✓ Multi-channel Receiver
- ✓ Digital/Hi-8 Recorder with Date & Time
- ✓ Direct Frequency Readout
- ✓ DPF Feature (Dual Purpose Format)
- ✓ 5.7" LCD-TFT Monitor w/audio
- ✓ Pelican Case

Price \$6550

Description:

Specifications:
Frequency Range: 1.7 to 5.8 Ghz
Receiver Type: MR-100
Recorder: Sony D200
Monitor: 5.7" LCD-TFT
Power: 12Vdc @ 1.25 Amps
Size: 18.5" x 15" x 7"
Weight: 14.5 Lbs
Audio: 2 Audio Channels

This new video microwave receiver kit brings you the ultimate in receiver kits with continues coverage receiver, 450 line resolution recorder, DPF feature, 2 audio & video outputs, operating on 12 Vdc. The microwave receiver may be programmed over a wide frequency range. An optional battery option may be added for \$125.00. A full range of directional antennas are available. (See Accessories or antenna section)

Microwave Receivers

Diversity Video Microwave Receivers (2 Channel)



Features:

- √ Multi-Channel Operation
- √ 12Vdc Operation
- √ 1 Mhz Frequency Steps
- √ One Audio Sub-Carrier
- √ True Diversity
- √ Optional Wide Frequency Range

Specifications: — \$2395.00

Frequency Range:	
KSR-402	54 to 860 Mhz
KSR-502	900 to 2150 Mhz
KSR-602	2400 to 2500 Mhz
Channels:	1 Mhz Steps
Audio:	6.0 Mhz
Sensitivity:	-82 dBm
Video Output:	1
Audio Output:	1
S/N Ratio	58 dB

Description:

This is the first of our new true diversity video microwave receivers. They are available in 3 separate bands with options of stretching the frequency range wider. The diversity receiver out performs single antenna receivers by a large margin. With two antenna inputs, the receiver will select the strongest and highest quality picture available at the receiver inputs.

Diversity 4 Channel Receivers



Features:

- √ 8 Channel Receiver
- √ 12Vdc Operation
- √ LCD-TFT-Color Monitor
- √ Two Audio Sub-Carriers
- √ Digital/Hi-8 Recorder
- √ Portable

Specifications: \$4495.00

Frequency Range:	
KSR-404	54 to 860 Mhz
KSR-504	900 to 2150 Mhz
KSR-604	2400 to 2500 Mhz
Channels:	1 Mhz Steps
Power:	11 to 15 Vdc
Sensitivity:	-82 dBm
Video Outputs:	1
Audio Outputs:	6.0 & 6.5 Mhz
S/N Ratio:	58 dB

Description:

This is the first of our new true diversity video microwave receivers. They are available in 3 separate bands with options of stretching the frequency range wider. The diversity receiver out performs single antenna receivers by a large margin. With four antenna inputs, the receiver will select the strongest and highest quality picture available at the receiver inputs.

Video Microwave Kits



KSR-3575 Video Microwave Receiver

Features:

- ✓ 8 Channel Receiver
- ✓ 12Vdc Operation
- ✓ LCD-TFT-Color Monitor
- ✓ Two Audio Sub-Carriers
- ✓ Digital/Hi-8 Recorder
- ✓ Portable

Price \$3995

Specifications:

Frequency Range: 1.7 to 2.5 Ghz
Preset Channels: 8
Audio Channels: 6.0 and 6.5 Mhz
Monitor: 5.7" Color LCD
Field Strength Meter: Yes
Recorder: D200
Power: 12 Vdc @ .930 Amps
Weight: 14
Case: Pelican 1500
Color: Black, Orange, Silver, & Yellow

Description:

This kit contains an 8 channel video microwave receiver with a sensitivity of a -80dbm and has two audio sub-carrier channels of 6.0 & 6.5 Mhz. The 3 police frequencies are standard a long with DOJ and LASO and LAPD helicopter video down link channels. The new Sony digital/Hi-8 recorder has been designed into the unit for high resolution recordings. As like all of our receiver kits, we provide direct video and audio input for local cameras. The video monitor has a direct output for a larger monitor, such as a TV set.

Shown with bubble top



SAM-9000 Remote Controlled Camera Kit

Features:

- ✓ Fully Remote Controllable
- ✓ 12 Vdc Operation
- ✓ Color or B/W Operation
- ✓ 1/4 to 2 Watt Video Transmitter
- ✓ 8 Channel Transmitter
- ✓ 15X300 mm Zoom Lens

Price \$9995

Specifications:

Frequency Range: All Ranges
Power: 12 Vdc
Camera: Color, KSC-231S
Pan & Tilt: PTZ-357
Lens: 12X300 mm
Material: Laxan
Transmitter !/4 watt to 2 watts
Control: VHF or UHF

Description:

The SAM-9000 is a portable video microwave camera system. The unit is remotely controlled by two way radio. The unit is housed in a Laxan optically clear material for rugged protection. The use of a color or low level light camera allows viewing in all types of scenarios. The pan & tilt can sweep over a range of 320 degree area as well a + or -30 degrees vertical tilt. The unit was designed for SWAT operations, but is working well as a surveillance tool.

Call for 4 page literature

Covert Systems 12305 E. Triple T Ln Prescott Valley, AZ 86314 928-759-2121 Fax 928-759-2144
 www.covert-systems.com Email sales@covert-systems.com

Video Microwave Kits



CLK-2450 Video Microwave Clock Radio Camera

Features:

- √ 1/4 Watt Transmitter
- √ Includes Audio
- √ Easy to Install
- √ Compatible with all Receivers
- √ Color or B/W
- √ 160 Degree Antenna

Price \$2750

Specifications:

Frequency Range:

Power Output:

Audio Channel"

Voltage:

Camera:

All Ranges

1/4 Watt

6.5 Mhz

115 Vac

Color

Description:

This covert video microwave system includes our new "Cricket" 1/4 watt transmitter with one audio channel. The unit is easily installed in a hotel room for buys or covert interviews with kids or what ever. If your subject unplugs everything before talking, we can install a small 12 Vdc battery in the radio. (\$175.00)

Combination Special
CLK-2450 Radio &
KSR-3575 Receiver
\$6495



VPC-2450 Video Microwave Polecam

Features:

- √ 1/4 Watt To 12 Watt Operation
- √ All Frequencies
- √ Two Way Controlled
- √ 16X160 Zoom Lens
- √ .1 Lux Color Camera
- √ Remove inside Camera for Gnd. Operation

Price \$\$\$\$14,000 to \$26,000 -Call for price

Specifications:

Frequency Range:

R. F. Power:

Control System:

Voltage:

Weight:

All Ranges

1/4 to 12 Watts

DTMF

115 Vac

Lbs

Description:

The VPC-2450 video surveillance pole camera system is a complete video microwave camera disguised as a standard 25 Kva utility pole transformer. The pan & tilt, zoom, focus are controlled by a two way radio DTMF tone system. Call for more information.

Video Microwave Products

KSS-J2 Video Microwave Jacket Camera



Features:

- ✓ 1/4 Watt Body Safe Transmitter
- ✓ Dual Antenna System
- ✓ Color Camera
- ✓ 12 Vdc Battery
- ✓ Covert Camera in Denim Jacket
- ✓ Microphone Included

Price \$3200

Specifications:

Frequency Range:	All Ranges
R.F. Power:	1/4 Watt
Antenna System:	Dual Antennas
Antenna Gain:	4 dBi- Right Hand
Voltage:	12 Vdc
Microphone:	Whisper

Description:

Our Jacketcam comes with a color camera, 1/4 watt video microwave transmitter and our dual antenna system. A very sensitive microphone is also included in the jacket. The color camera uses a 3.7 mm lens which produces a wide field of view. When used with our 14 Dbi gain directional antenna, a range of 100 yards to 500 yards can be achieved.

A 4 page brochure is available on this product



SAM-9050 Video Microwave Camera

Features:

- ✓ Solar or Battery Powered
- ✓ 12 Vdc Operation
- ✓ 2.4 or 5.8 Ghz Freq. Range
- ✓ 25X Zoom Camera
- ✓ Day/Night Camera
- ✓ 180 Degree Coverage
- ✓ Covert

Price \$7950

Specifications:

Frequency:	2.5 or 5.8 Ghz
Power:	12 Vdc
Current Draw:	mA
Camera:	KSC-
R.F. Power Output:	100mW or 1/4 Watt
Accessories	
Solar Power:	Call
Receiver:	KSR-3575 or 3550
Antenna:	KSA-14D
Push up Mast:	Call
Magnet Signs:	Call

Description:

The SAM-9050 is the latest covert camera/microwave system from Knight Surveillance Systems. The systems includes a day/night 25X camera, 100mW or 1/4 watt video transmitter, and a pan & tilt unit. Fully remote controlled from a simple portable radio with a DTMF pad attached or the new KSR-3580 receiver kit. Higher R.F. Power units are available for battery or A/C operation.

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Microwave Antennas

KSA-5-2450 Magnet Mount 5 Dbi Antenna



Features:

- √ 5 dBi Gain
- √ Linear Type Antenna
- √ Magnet Mount
- √ 12" Cable
- √ TNC Connector
- √ Quick Deployment

Price \$95

Specifications:

Frequency Range: 2400 to 2500 Mhz
Gain: 5 dBi
Cable: Low Loss
Connector: TNC Male
Polorization: Vertical

Description:

This antenna can be used in portable systems that does not require a ground plane. Besides being used on a undercover car, it can be hidden in a drop ceiling or similar operation. Great for watch commanders car when desiring to receive the video down link from a helicopter.

KSA-6 and 9- 2450



Features:

- √ 6 db or 9 db Gain
- √ Linera Type Antenna
- √ "N" Female Connection
- √ Heavey Duty Construction
- √
- √

Price \$225

Specifications:

Frequency Range: 2400 to 2500Mhz
Gain:
KAS-6-2450 6 dBi
KAS-9-2450 9 dBi
Polarization: Vertical

Description:

These antennas are omni directional with vertical polarization. They are used for general purpose type applications. Such as: Command posts, Helicopters, and stakeouts.

Microwave Antennas



KSA-9D Directional Antenna

Features:

- √ 9 dBi Gain
- √ Directional
- √ Linear Type Antenna
- √
- √
- √

Price \$195

Specifications:

Frequency Range:

2400 to 2500 Mhz

Gain:

9 dBi

Size:

3" x 5.5

Polorization:

Vertical

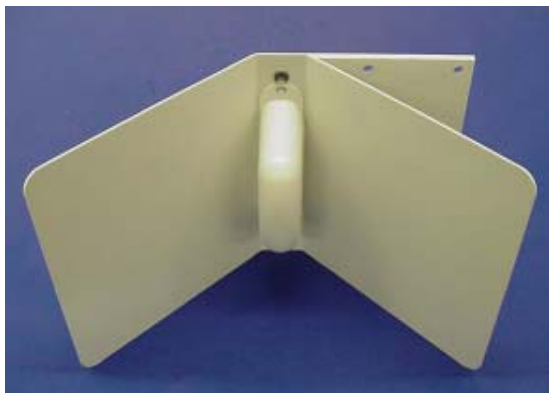
Beam Width:

75 Degrees

Description:

Directional antennas are designed to direct the energy of the transmitter or receiver in one direction to extend the range of the link and cut down to chance of interception. This antenna has a 9 dB gain with a beam width of 75 degrees. Optional 10' cable with connectors \$85.

KSA-14D Microwave Directional Antenna



Features:

- √ 14 dBi Gain
- √ Narrow Beam Width
- √ Linear type Antenna
- √
- √
- √

Price \$

Specifications:

Frequency Range:

2400 to 2500 Mhz

Gain:

14 Dbi

Size:

Polorization:

Vertical

Beam width:

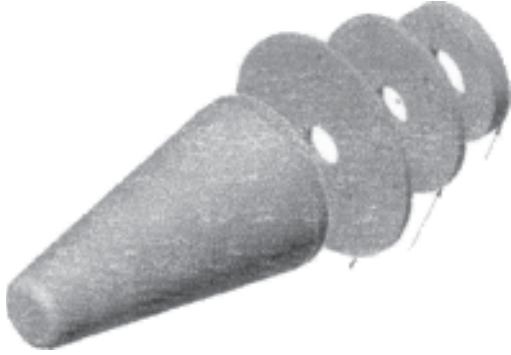
44 Degrees

Description:

This 14 dBi antenna is great for point to point operations and body worn transmitters. The gain will increase your one watt transmitter to a full 25 watts ERP. Good all around antenna.

Microwave Antennas

KSA-4RH-2450 Microwave Antenna



Features:

- √ 120 Degree Pattern
- √ 4 dBi Gain
- √ Right Hand Polarity
- √ Circular Polarized
- √
- √

Price \$995

Specifications:

Frequency Range:
Gain:
HPBW:
Polarity:
Power:
Weight:
Rating:
Connector:

1.7 to 2.7 Ghz
4 dBi
120 Degrees
RHCP
20 Watts
6 Oz
Airborne
"N" Female

Description:

The KSA-4RH-2450 antenna was designed to provide hemispherical coverage without nulls from boresite through below horizon. This antenna is the best antenna to use for video down link systems. One on the helicopter and one on the command post. It is a low silhouette type antenna, thus perfect for airborne and vehicle operation.

KSA-4RHPAT-2450 Microwave Antenna



Features:

- √ 7 dBi Gain
- √ Dual Polarization - RH or LH
- √ Wide Bandwidth
- √ Cable out back or bottom
- √ Small
- √

Price \$480

Specifications:

Frequency Range:
Beam Width:
R.F. Power:
Bandwidth:
Gain:
Polarity:

1.7 to 4 Ghz
120 Degrees
10 Watts
2%
4 dBi
Lin, RHCP, or LHCP

Description:

This is a great antenna for covert operations in a small space. Excellent for polecams, body worn applications where gain is important. CP type antenna give excellent results in reducing multi-path signals, thus eliminating the need for diversity type receivers in many cases.

Microwave Antennas



KSA-30-2450 Dish Antenna

Features:

- √ 22 dBi Gain
- √ RH or LH Polarization
- √ 7 Lbs
- √ 40 Watts Power
- √
- √

Price \$1750 with mount

Specifications:

Frequency Range:

Gain:

Diameter:

Weight:

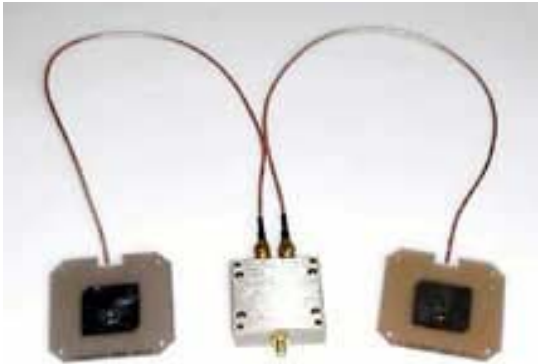
Beam Width:

Description:

Call This dish antenna has the highest gain and the narrow-est beam width. It should be used for long microwave paths where security is important where intercept is almost impossible.

22 dBi
30"
7 Lbs
12.7 Degrees Call us to configure this antenna to your needs or application.

KSA-4X2-2450 Body Worn Antenna System



Features:

- √ 4 dBi RH Gain
- √ Very Thin
- √ Coverage in all Directions
- √ Low Cost
- √
- √

Price \$250

Specifications:

Frequency Range:

Gain:

Pattern:

Polarization:

2400 to 2500 Mhz

4 dBi

120 Degree

RH

Description:

This patch antenna system is used for body worn applications. Generally one antenna is placed in the front of a jacket or waist band and the other antenna is placed in the back of the person wearing our 1/4 watt "Cricket" transmitter. The special coupler equally splits the signal into the two antennas.

Microwave Antennas



KSA-12D-2450 Directional Antenna

Features:

- √ 12 dBi Gain
- √ Easy to Install
- √ Linear type Antenna
- √
- √
- √

Price \$225

Specifications:

Frequency Range: 2400 to 2500 Mhz
Gain: 12.5 dBi
Polorization: Linear or Verticle
Size:
Mounting: Rear

Description:

This is a directional antenna that have a narrow beam width and good gain. It is easy to hide in a hotel room or a vehicle. The extra gain will help punch the signal through walls and similar things as well reduce the chance on interception.



KSA-8RH-2450 Microwave Antenna

Features:

- √ 8 dBi Gain
- √ Circular Polorization
- √ Easy to Install
- √
- √
- √

Price \$145

Specifications:

Frequency Range: 2400 to 2500 Mhz
Gain: 8 dBi
Polorization: RH
Size: 15 x 15 x .4 Cm
Mounting: Front
Beam Width: 65 Degrees

Description:

This is an ideal antenna for covert operations. Place inside concealments, and other devices such as polecams, utility boxes, and similar units.

Microwave Antennas



Sectorized Omni Antenna - SOD-14-2400 RH or LH

Features:

- √ Circular Polarized Antenna
- √ 14 dBi Gain
- √ Wide Frequency Range
- √ Low Multipath Performance
- √ 360 Degree Coverage
- √ Right or Left Hand Polarization

Price \$1950

Specifications:

Frequency: 2300 to 2500 Mhz
Gain: 14 dBi
Vertical Beamwidth: 30 Deg.
Horz. Beamwidth: 360 Deg.
VSWR: 2:1
Radome ABS

Description:

This new antenna was originally designed as a helicopter tracking antenna. When used with a microwave receiver with electronic switching circuits, it makes a perfect tracking antenna for video down links from helicopters.

The antenna now comes with an additional feature of a 15 degree up-tilt to further increase the range, and to reduce interference from ground computer networks and other devices.

Other applications include: Portable Command Posts, prisons and small city covert operations.

This antenna may be used with both analog and our new digital systems.



Police Car Video Down Link Antenna - KSA-4-CPRH

Features:

- √ Designed for Police Cars
- √ Upward Looking Antenna
- √ Circularly Polarized to minimize local interference
- √ Low profile for carwash
- √ Easy Mounting
- √ Available in white or black

Price \$149.00

Specifications:

Freq. Range: 2400 to 2500 Mhz
Video Gain: 4 dBi
Imp: 50 Ohms
Pattern: 120 Degrees
Mounting: 5/8 " hole

Description:

This antenna was designed for police cars and CP's using video down link systems from helicopters. The antenna is circularly polarized to match the helicopter antenna which improves video performance and minimizes multipath interference.

Microwave Systems



KSS-ATS-2 Video Microwave Receiving System

Features:

- √ Portable - No moving Parts
- √ Easy to Install
- √ 12 Vdc Operation
- √ 25 to 40 Mile Range
- √ No GPS Required
- √ Programmable in One Mhz Steps

Price \$24,995

Specifications:

Frequency Range: 2400 to 2500 Mhz
Gain: 14 dBi
Polorization: RHCP
Vert. Beamwidth: 180 Degrees
Horiz. Beamwidth: 360 Degrees
Weight: 15 Lbs
Video: NTSC or PAL
Size: 18.2" Dia x 20" H

Description:

This is our latest design in helicopter tracking. Using our new 14 dBi 8 sectored antenna and our new 8 channel diversity receiver, tracking can be achieved with no moving parts. Typical ranges are out to about 35 miles depending upon transmitter power, antenna and altitude of the aircraft.

The new tracking system has been field tested with excellent results comparing it to available units on the market place today.

The unit is self contained with all electronics, powered by a single 12 Vdc source. The radome is made of Royalite 84 material to withstand the rain and snow. Tower mounting hardware is available.



KSS-ATS-4 Portable Microwave Antenna System

Features:

- √ Portable
- √ Circular Polorization
- √ 14 or 18 dBi Gain
- √ Perfect with our KSR-3650 Series Receivers
- √ Engineered Antenna Pattern
- √ Dirversity Ready

Price \$1495

Specifications:

Frequency Range: 2400 to 2500 Mhz
Gain: 14 or 18 dBi
Polorization: RH
Size: 15 x 15 x .4 Cm
Mounting: Our flexable Mount
Omni Gain: 4 dBi

Description:

This is an ideal antenna for covert operations. Place inside concealments, and other devices such as polecams, utility boxes, and similar units.

Microwave Accessories



Power Grabber Antenna Holder KSPG-1

Features:

- ✓ Holds Antennas Perfectly
- ✓ Shown with 10 dBi Antenna
- ✓ Holds Up to 10 Lbs
- ✓ Sticks to any smooth surface
- ✓ Manual Vacuum Pump

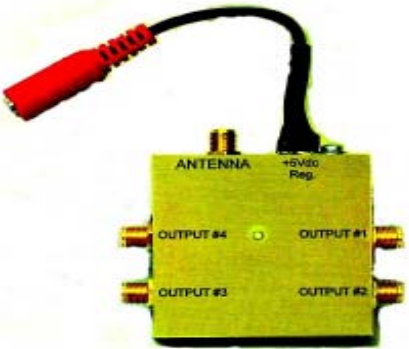
Price \$145.00 Shown with our 10 dBi RHCP \$225

Specifications:

Load Handling: 10 Lbs
Base Size: 4.5"

Description:

This antenna mount is great for quick installations of point to point microwave links or mainly, portable video down links. It is also great for camera mounting as well as telescopes. A must for all portable operations.



Police Car Video Down Link Antenna - KSA-4-CPRH

Features:

- ✓ Designed for Police Cars
- ✓ Upward Looking Antenna
- ✓ Circularly Polarized to minimize local interference
- ✓ Low profile for carwash
- ✓ Easy Mounting
- ✓ Available in white or black

Price \$850.00

Specifications:

Freq. Range: 2400 to 2500 Mhz
RF Gain: 14 dBi
Imp: 50 Ohms
Power: 5 Vdc/115ac

Description:

This new device will allow one antenna to be connected to 4 receivers. With 14 dB of gain, make up for losses in cables and connectors. For added protection, add a bandpass in front of the LNA. These are available on narrow and wide band configurations. Call for specifications.

Great product to use with our SWATCAM system, like our SAM-9000 SWAT product.

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