



R/C, ROCKETS, BALLOONS, PORTABLE ATV 420-450 MHz Band

DX is farther on the 420-450 MHz band than any higher band given the same power level and antenna gains. It's the first band available for ATV applications and may be received on analog cable channels 57-60. Hat Cams or R/C vehicles using a 50 mW Videolynx 434 or Z70A from a dipole in the vehicle to a ground plane at the receive site can get 1/2 mile snow free video line of sight and over a mile using a OAL 5L-70cm small beam - snowy pictures are readable to over 10 miles. Balloons can be seen and tracked with a beam all the way up to 100,000 ft until the balloon bursts running 1-5 Watts with the VM-70X module. See ATV DX Variables application note.



Videolynx 434 Transmitter module.....\$99

Get on ATV quick and easy with this ready to go module. Mount in a hat cam, R/C vehicle or box with 9V alkaline battery, plug in 70cm antenna and video from camera and you are on the air. 50 mW on 434 MHz

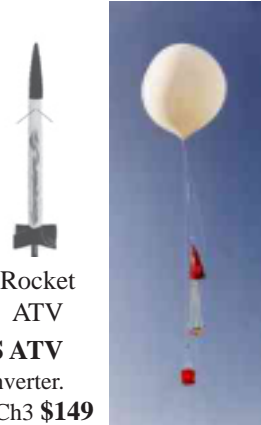


Videolynx Z70A Transmitter module...\$149

Want to add sound and the 4 selectable 70cm frequencies -426.25, 427.25, 434.0, 439.25? Then go with the Z70A transmitter module. See page 8 for more info on the Videolynx transmitters.



See our app notes: 434 TX in ATV R/C copter and a hat cam - www.hamtv.com/info.html



R/C Humvee With ATV

Rocket ATV

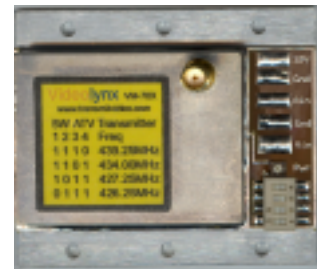


TVC-4S ATV Downconverter. 70cm to Ch3 \$149

N8UDK Balloon

Videolynx VM-70X Xmtr module.....\$199

High altitude balloons, rockets and greater portable DX can be had with this adjustable 0-5W pep 4 channel transmitter module. Heat sinking required >.5W. req +11 to 14Vdc @ up to 1A A/V and DC wire to solder pads. RF out SMA jack.



Rch3 TV Channel 3 Receiver for those that want A/V output to a monitor or recorder rather than a TV set with the downconverter.....\$89

CB35A Mini 380 line Color Camera with audio - perfect with the Videolynx ATV transmitters.....\$89

Great for portable, R/C, rockets and balloon ATV. Sony 1/4" CCD1 lux, line audio output with built in mic. Weighs 2.5 oz., size 1.45" sq. The included 3.6mm lens will focus from infinity down to 1" from the object. Runs on 8 to 14 Vdc @ 90 mA and a wall plug 12V regulated power supply is included. BNC video, RCA audio jack cable. CB35-SL Day/Night .001 lux 520 line resolution version.....\$119



Check out all our ATV Application Notes on our web site - www.hamtv.com/info.html

ACCESSORIES:

- TR-1b RF T/R relay module, mounts on UG58 chassis N conn....\$29
- UG58 type N female flange mount chassis jack, teflon/silver.....\$4
- Njsh type N female single 5/8" hole mount chassis jack.....\$6
- 1000 pF Feed-thru Cap for R/C or repeater builders.....\$4
- RG174 50 Ohm 1/10 inch dia. coax cable for connections, 6ft....\$3
- SMAp-10" cable connects from VM-70X RF out to TR-1b.....\$6
- SMAp/Nj SMA plug to type N jack adaptor.....\$6
- Fp/Nj type N jack to F plug for cable ready TV to ham antenna..\$3
- TVC-4S 70cm Downconverter (see page 3)\$149
- Rch3 Channel 3 TV receive, line audio and video output\$89

ANTENNAS:

- DIAMOND RH3 2m/70cm omni miniduck ant., BNC, 1.75".....\$32
- DIAMOND MX-72N 2m/70cm antenna duplexer.....\$55
- OAL 5L-70cm 8 dBd Yagi ant., 31" boom, >60 deg. BW.....\$80
- 5LX Extension adds 5 elements and 3 dB to the 5L-70cm ...\$65
- OAL 10L-70cm 11dBd Yagi antenna, 62" boom\$130
- OAL 7CP-70cm 10 dBdc circular polarized beam, 36" boom ...\$150
- OAL LITTLE WHEEL 70cm horizontal omni antenna, 14" dia.....\$60

UG21 type N male plug for 9913 and RG8 size coax, teflon/silver..\$6