



BRIEFCASE-VIEWER 4

PRO-2 Tactical Diversity Receiver



> Applications

- Ground Surveillance of Aerial Pursuits
- Covert Surveillance
- Homeland Security

> Benefits

- Digital COFDM Reception (DVB-T)
- MPEG2 and H.264 Decoding
- Standard and High Definition
- Two-way Diversity
- Direct Sun Viewable 15" LCD Screen
- Battery and AC Operation
- NTSC and PAL Compatible
- Streaming Ethernet Output
- Simple Menu Operation
- Signal Strength Meters
- Two Audio Channels
- BTP Scrambling System for Privacy
- AES 128/256 Decryption or BISS optional

> Ordering Information

MODEL	FREQUENCY BAND
BV4-17	1.7-1.9 GHz
BV4-2	2-2.5 GHz
BV4-3	3.1-3.4 GHz
BV4-4	4.4-5.0 GHz
BV4-5	5.25-5.85 GHz
BV4-6	6.425-6.525 GHz

> Performance

The Briefcase-Viewer 4 (BV4) is for use with DVB-T compliant COFDM digital microwave transmissions. Two-way FFT/MRC diversity technology assures greater signal availability in difficult RF environments.

The BV4 fully self-configures to match the received digital signal. Only frequency need be selected.

The BV4 kit includes 2dBi omni-directional antennas for mounting onto the RF input ports. Magnetic mounted antennas with active low noise amplifiers are optionally available. An extended range antenna kit is an option. Powering is via on-board high capacity batteries, a DC vehicle power cable, or an AC adapter.

A large (15") color LCD high-definition monitor is installed within the case lid and is viewable in direct sunlight. An auxiliary video output port allows use of an external video recorder. A viewing hood folds up to protect the monitor during transport.

In addition to composite NTSC/PAL video and SD/HD-SDI outputs, the BV4 offers a streaming IP output from a RJ-45 connector.

One HDMI output is provided.

The BV4 offers an excellent, rugged portable receiver/monitor at an affordable price.

> Briefcase-Viewer 4 Tactical Diversity Receiver

Operating Frequency															
Band	1.7 to 6.5 GHz (in specific frequency bands)														
Frequency Step	¼ MHz, 1 MHz or channelized with programmable presets														
RF Diversity	2-way, FFT/MRC														
Audio															
Analog Audio Output	One stereo pair														
Audio Decoding	MPEG1 ISO/IEC 13818-3 Layer 1														
Environmental															
Temperature	-10 to 60 deg. C (operating) -20 to 70 deg. C (non-operating)														
Relative Humidity	0-95% NC														
COFDM / MPEG Specification															
Bandwidths supported	6/7/8 MHz, auto-detecting														
Decoding	MPEG2 and H.264														
Chroma Profile	4:2:0														
Resolutions	<table border="0"> <tr> <td>720 x 480/59.94/I</td> <td>1280 x 720/25/P</td> </tr> <tr> <td>720 x 576 25/50i</td> <td>1920 x 1080/23.976/P</td> </tr> <tr> <td>1280 x 720/23.976/P</td> <td>1920 x 1080/24/P</td> </tr> <tr> <td>1280 x 720/24/P</td> <td>1920 x 1080/60/I</td> </tr> <tr> <td>1280 x 720/60/P</td> <td>1920 x 1080/59.94/I</td> </tr> <tr> <td>1280 x 720/59.94/P</td> <td>1920 x 1080/30/P</td> </tr> <tr> <td>1280 x 720/50/P</td> <td>1920 x 1080/29.97/P</td> </tr> </table>	720 x 480/59.94/I	1280 x 720/25/P	720 x 576 25/50i	1920 x 1080/23.976/P	1280 x 720/23.976/P	1920 x 1080/24/P	1280 x 720/24/P	1920 x 1080/60/I	1280 x 720/60/P	1920 x 1080/59.94/I	1280 x 720/59.94/P	1920 x 1080/30/P	1280 x 720/50/P	1920 x 1080/29.97/P
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1280 x 720/50/P	1920 x 1080/29.97/P														
Bit Rates	1.5 to 30 Mb/s														
Display															
Size	15"														
Aspect Ratio	16:9														
Type	Color LCD, direct sun viewable. Includes soft viewing hood.														
Recording	Output port to external recorder														
Connectors															
RF Inputs	Two N(f), 50 ohm, switchable DC bias for external LNA														
Video Output	BNC(f), 75 ohm, HDMI (1.3)														
AC/DC Input	PTO Type														
Audio Output	Earphone jack and dual RCA(f)														
Software Update	USB-A														
Ethernet (configuration and streaming video output)	10/100/1000 Mbps														
Electrical															
AC	115-220 VAC, 50/60 Hz														
DC	12-18 VDC via vehicle plug														
Battery	On-board (x2) Anton-Bauer Gold-Mounts, 3 hour run-time. (Other battery types available on special order)														
Power Consumption	<40W														
Control	DC/OFF/AC switch; LCD screen with menus and button controls														
Physical															
Dimensions	19.2"x15.44"x7.6"														
Weight	<22 lbs. (without batteries)														
Accessories															
Antennas	2dBi omni-directional (two supplied)														
Cables	Full set of AC, DC and charging cables in accessory bag														
Battery	Two Anton-Bauer batteries with Twin charger														
Options															
Antennas	Higher gains for longer ranges														
Decryption	AES 128 or 256														

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