# 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 | 720 x 480/59.94/I  1280 x 720/25/P<br>720 x 576 25/50i  1920 x 1080/23.976/P<br>1280 x 720/23.976/P  1920 x 1080/24/P<br>1280 x 720/24/P  1920 x 1080/60/I<br>1280 x 720/60/P  1920 x 1080/59.94/I<br>1280 x 720/59.94/P  1920 x 1080/30/P<br>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 out) | RJ-45 |

| 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.<br>(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 |

**BMS**