

COMMUNICATIONS SYSTEMS FOR: DRAGANFLYER X6 HELICOPTER



RF Control & Data Link:

2.4GHz Data Link

Link Type: Helicopter to Ground & Ground to Helicopter (Two-Way)

Controller Antenna: Omni-Directional

Helicopter Antenna: Wired Whip Antenna

Transmission Power (North America): 100mW (+20dBm) EIRP

RF Data Rate: 250kbps

Receiver sensitivity: -100dBm

Transmission Technique: DSSS (Direct Sequence Spread Spectrum)

Frequency band: 2.4000 - 2.4835 GHz

Certifications: CE, FCC, IC, ETSI

Data Link Channel Selection: Automatic (12 Channels)

Channels Supported: 16 (9 used)

1. Throttle
2. Roll
3. Pitch
4. Yaw
5. Camera Shutter
6. Ascent
7. Camera Zoom
8. Camera Tilt
9. GPS Position Hold

Embedded Dual Diversity Wireless Video Receiver:

Model: DraganEye™ Pro

Diversity Type: Dual

Diversity Video Unit Switches Between Received Signals Based On:

Video Quality

RSSI Signal Strength

Video Link

Frequency: 5.8GHz

Link Type: Helicopter to Ground (One-Way)

Receiver Antennas: Omni-Directional & Flat Patch

Transmitter Antenna: Omni-Directional

Transmission Power: 12dBm

Transmitter Power Consumption: 500mW

NTSC and PAL Compatible

7 Selectable Channels: 5740MHz, 5760MHz, 5780MHz, 5800MHz,
5820MHz, 5840MHz, 5860MHz