



PRODUCT DESCRIPTION

Multichannel platform provides high bandwidth, highly secured transmission channel for transmitting live data, video & audio in real time anytime, anywhere by bonding multiple 3G/4G network, Wi-Fi and/or satellite (CPE) services. The multichannel can act as a standalone gateway expanding your visual reach and providing decision makers with the complete picture from the scene while providing unmatched security, transmission, and highest availability for any of your transmission needs.

MAIN ADVANTAGES

- **Adaptive Video** - Multichannel adapts the video quality dynamically to the overall bandwidth available at any given moment
- **Increased Bandwidth** - Multichannel allows multiplexing of multiple communication links thus increasing the overall bandwidth available for transmission
- **High Level Security**- Multichannel generates a complete secured network tunnel that enables safe and encrypted transmission
- **High Availability** - Multichannel automatically detects failed communication channels and immediately transfers the information via an alternate channel available in real-time



Drones



Autonomous Vehicles



Medical



HLS & Transportation



Broadcast & Journalism

FEATURED HIGHLIGHTS

- Combines top video encoding technology with top transmission technology
- Ideal solution for applications in the field bringing data closer
- Enables facts based decision making in real time



TECHNICAL SPECIFICATIONS

| Video / Audio Input | Multichannel HD | Multichannel Analog |
|--------------------------------------|--|--|
| Video Input | 1280X1920 - 720X1080 ; HDMI interface (quality is changing dynamically according to available bandwidth) | 176X704 - 144X576 (quality is changing dynamically according to available bandwidth) |
| Audio In Compression | G.711 Sample rate 32K44.1-K | Ogg Vorbis, 16 Kbps |
| Video Compression | | |
| Video Compression | H.264 / H.265 | H.264 |
| Video Frame Rate | 25 fps(P) / 30 fps(N) | 25 fps(P) / 30 fps(N) |
| Storage | | |
| Type and Capacity | USB 2 Interface | Up to 32GB SD-Card |
| Network | | |
| LTE-A | 4XLTE-A Modules | |
| Network Interface | 1 RJ10 45M / 100 M self-adaptive Ethernet interface | |
| Navigation Satellite System | | |
| GNSS | 1 navigation satellite antenna interface for GPS | |
| External Interfaces | | |
| Alarm In / Out | -1ch high / low-level signal input ; 1ch relay output (relevant for Multichannel Analog only) | |
| Serial Interface | 1 RS232 - interface ; 1 RS422 - interface (relevant for Multichannel Analog only) | |
| SIM and SD / SDHC | 4 standard SIM slot ; 1 standard SD / SDHC slot | |
| General | | |
| Power Supply & Consumption | Input: 9-30 VDC ; Full load: Max.18W | |
| Working Humidity Level & Temperature | -10°C ~ +55°C ; 10% ~ 90% | |
| Weight: kgs. / lbs. | ≤ 1.2kg / 2.65 lbs. | |
| Dimensions (WxDxH): mm / inch | 159x154x50mm / 6.27x6.09x2.00 inch | |