

Link do produktu: <https://winmar.pl/aviwest-dmng-pro100-p-69304.html>



Aviwest DMNG PRO100

Cena brutto	35 700,00 zł
Cena netto	29 024,39 zł
Dostępność	Niedostępny
Producent	Aviwest

Opis produktu

Aviwest DMNG PRO100

LIGHT PORTABLE VIDEO ENCODER

The AVIWEST DMNG PRO100 is a small portable and powerful video encoder mainly designed for streaming over LAN/WAN and satellite (BGAN, GX, KA). DMNG PRO systems are deployed worldwide and used by number of international, national and local TV channels and news agencies on a daily basis.

Designed for streaming over LAN/WAN and satellite (BGAN, , GX, Thuraya, KA), the unit also features 2 cellular connections (two USB interfaces for external USB modems), a built-in Wi-Fi modem, and 2 best-in-class H.264 video encoders.

Compact, lightweight, and portable design is perfect for in-the-field use: Weighing less than 1Kg, the portable DMNG PRO100 can be easily connected to any professional video source (e.g., SD/HD SDI, analog [BNC] and HDMI) and mounted to cameras via V-Mount, Gold Mount, or PAG plates. By providing broadcasters with a video uplink system that is easy to transport, the DMNG PRO100 speeds up newsgathering operations.

Simple use and control enables rapid newsgathering: The DMNG PRO100 is designed to automatically detect real-time network capabilities. Through a user-friendly and intuitive touch-screen interface, the DMNG PRO100 allows any on-the-go media professional to easily configure and operate the system as well as communicate with the studio through the IFB return channel. The units can also be controlled by the receiver (DMNG StreamHub), the Management System (DMNG Manager), the DMNG Remote smartphone application or any device connected to the unit though the network.

Live and Files Forward over Satellite

The DMNG PRO100 is compatible with the major portable satellite uplink solutions such as Inmarsat BGAN, GX, Thuraya or KA band. It can also feed any kind of satellite modulator thanks to its MPEG-2 TS ASI output.

Live and Files Forward over Satellite & Cellular Networks

The DMNG PRO100 can stream over KA band and use cellular links as back-up or complementary connection. It enables starting streaming a live over cellular connections while driving to location, before switching to KA band once the satellite dish is pointed. This bonding mode also ensures the transmission reliability when the performance of the KA band decreases, particularly in case of bad weather conditions or of drop in bandwidth due to congested network.

Live and Files Forward over LAN/WAN

The DMNG PRO100 can stream a live video over the network to a DMNG StreamHub or to any kind of H.264 receiver from professional IRDs (Integrated Receiver and Decoder) to VLC player.

Live to any CDN

The DMNG PRO100 system supports the needed protocols to stream live high definition video directly to the Web or to any CDN (Content Delivery Network) or OVP (Online Video Platform).

Live and Files Forward over Wireless Networks

The DMNG PRO100 has an internal Wi-Fi modem and 2 USB ports to connect 2 external 3G/4G USB modems to stream a live video or forward files over bonded wireless networks.

DMNG Remote smartphone application

The DMNG PRO100 can be remotely controlled from Android smartphones connected to its Wi-Fi access point and using the DMNG Remote application.

This application is available for smartphones and tablets with Android version 4.4 operating system or later versions and can be downloaded from Google Play for free.

Main Functions Live & Auto-record

Forward

Progressive Store & Forward

Other Functions IFB Return Channel

Tally Light

Geolocation

IP Bridge

Video Inputs HD/SD-SDI embedded audio (BNC)

Composite video (BNC)

Analog Audio L&R (BNC)

HDMI (1.3)

Network Interfaces Dual Gigabit Ethernet

– LAN, WAN

– BGAN, GX, Thuraya, KA band Satellite

Built-in Wi-Fi modem

– Client & Hot Spot modes

2 USB 2.0 ports for external 3G/4G/Wi-Fi modems

Other Interfaces ASI-TS out (BNC)

2 x USB 2.0 ports (Forward, external USB modems, etc.)

SD Card slot (Store & Forward)

Stereo mini jack (3.5 mm) in & out for IFB

Mini jack (3.5 mm) for Tally Light

Expansion port (RS232, RS485)

Networking

Protocols RTP Unicast streaming

RTP Multicast streaming (IGMP)

MPEG-2 Transport Stream over UDP/IP

RTMP, RTSP/RTP, HLS (DMNG StreamHub)

Video Compression H.264/AVC Main/High Profile level 4

1080p/1080i/720p/576i/480i

@ 50/59.94/60/25/29.97/30 fps

Bit rates: 100Kbps to 20Mbps

CBR / VBR / Capped VBR

Dynamic resolution

Simultaneous Live & Store at different bitrates

Audio Encoding AAC-LC/HE-AACv2; 24 to 256Kbps

MPEG-1 Layer II; 32 to 384Kbps

Dual Mono / Stereo

Advanced Features Dual encoding (Live & Auto-record)

HD & SD downscaling

Forward Error Correction (FEC)

AES Encryption (128-bit or 256-bit)

Operational Modes Glass-to-glass latency: down to 1s

Preset profiles & manual modes

Monitoring & Configuration Rotating Touchscreen

On screen video preview

Remote Control & Configuration from:

– Web GUI (any devices)

– Receiver (DMNG StreamHub)

– Managt System (DMNG Manager)

– DMNG Remote App (iOS/Android)

Power Supply 12-24V input XLR 4 pins – Hot swap

Average power consumption: 12W

V-Mount, Gold Mount, PAGLOK plate

Physical Dimensions: 180x128x55 mm

Weight (Kg/Lb): 0.92 / 2.02

Operating temperatures: -10°C to 50°C