

VB-30mu Hybrid Small Form Factor Encoder and Recorder



vemotion

More video, less bandwidth

VB-30mu

The **VB-30mu** from Vemotion is a video encoder transmitting high quality video over low bandwidths with recording on board as standard.



The VB-30mu is one of the smallest hybrid recorder/encoder units on the market, offering high quality, bandwidth optimised, reliable video streaming in a very small package. Its compact size makes it perfect for installations where space is at a premium.

Its many standout features include its amazing low latency and sheer high quality of the images it is able to transmit at efficient bitrates, as well as its compact size. It can be used for a wide variety of different applications and in a wide variety of different environments. The unit has been specifically designed to deliver bandwidth efficient live video transmission and control in even the most challenging wireless and wired network conditions.

The VB-30mu supports both Analogue and IP cameras, providing you with flexibility to choose which camera type to use, or whether to use both simultaneously. Multiple channels of transmission from the same unit are possible with additional licensing.

Further user-friendly features include the ability to define the on-board recording and transmission parameters, together with a local user interface for full rate camera viewing and control (including recorded footage playback).

The VB-30mu makes use of Vemotion's optimised video compression and unique, low latency, V-TX transmission technology; technology which is fully encrypted and secure. This further differentiates the VB-mu within the marketplace, while delivering ease of use and rock-solid performance.

All Vemotion's products are designed to be 'plug & play', to be highly reliable, and to put you in complete control of the bandwidth used. Also, they all work without the need for any specialist SIM cards or expensive airtime contracts, so keeping usage costs to a minimum.

More Video, Less Bandwidth. Seeing is Believing +44 (0) 330 097 2796 info@vemotion.com www.vemotion.com

VB-30mu Specification

Environmental

Operating Temp.	0 to 60°C
Storage Temp.	-40 to 85°C
Humidity Operating	5 ~ 90%
CPU Loading	-10°C ~ 60°C with HDD, 100% CPU loading

Power

Supply	12V input (+/-10%) DC
Consumption Typical	12V @ 0.47A (5.64Watt) Max.:12V @ 1.0864A (13.037Watt)

OS Support

-	Windows 10 IoT Enterprise 64-bit
---	----------------------------------

Mechanical

Dimensions	120mm (W) x 76mm (H) x 42mm (D)
Weight	320g
Recording Capacity	256GB SSD available as standard
Recording Parameters	Configurable per unit

Panel

Ethernet	1x Gigabit Ethernet
Video Out Port	1x HDMI connector (resolution up to 1920x1200 @ 60Hz)
Video Input	1 or 4 SD inputs via 9way D-type to single or 4 BNC's. Optional extra of 9way D-type to 4 BNC's and 4 phono for mic level audio input
-	1 x DIO Port (Terminal Block on Rear)
-	Terminal block 1x software-programmable RS-232/422/485. Common PTZ protocols supported
-	Video Streams out - Default is 1 stream output

USB

USB 2x USB 3.0 ports, 1x USB 2.0 port. USB ports can be used for the following:

- USB keyboard and monitor
- Wi-Fi (provided as standard)
- 2G, 3G, 4G Modem (provided as standard)
- GPS
- File transfer
- Extra storage capacity

More Video, Less Bandwidth. Seeing is Believing +44 (0) 330 097 2796 info@vemotion.com www.vemotion.com