VB-200

Small form factor 2-channel live video encoder & recorder

DCIN/OTG

HDMI 2.0

LAN

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More video, less bandwidth

Multi-stream areas of interest from a single encoder

Camera Overview

Single camera & VB-200

Stream 1

Stream 2

VB-200

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Delivering ultra-low latency, high-resolution live streaming HD video transmission over GPRS, 3G, 4GLTE, 5G, Wi-Fi and Satellite networks, the VB-200 provides 2 simultaneous HD video (1920 x 1080) output streams, from one or more connected cameras.

Measuring just 93.5mm x 82mm x 20mm, the VB-200 saves on space, additional cameras and costs, and can provide close-up monitoring of any defined aspect of a particular scene. In conjunction with digital and optical PTZ, areas of a specific scene of interest can be simultaneously monitored to reveal enhanced detail.

Supremely suitable for covert applications, or installation where space is limited, VB-200 video can either be streamed live or recorded on-board, and replayed and downloaded remotely via the Vemotion app on an Android smartphone or popular VMS platform. For evidential purposes, VB-200 live video is time/date stamped and can be synced to a server. In addition, the VB-200 can operate within extreme temperatures, ranging from -10° - 60°.

Easy to add to existing infrastructure, the VB-200 does not need any specialist SIM cards and drives down usage costs by delivering multi-stream video data without the need for expensive airtime contracts.

Key features:

- Video & audio real-time streaming

- Private, secure and encrypted

- 1 x Full HD Ethernet camera inputs

- 2 x Full HD output streams

- Video is time/date stamped

- Transmission over GPRS, LTE, 3G/4G/5G, Wi-Fi and Satellite

- Plug & play integration into third party VMS

- ONVIF compatible

- Optimised H.264 compression

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Technical specification:

System

Processor	Rockchip RK3566
Memory	4GB
OS	Ubuntu 18.4 LTS
Storage	Emmc 32G and half size NVMe 1TB
Micro SD	Up to 1TB optional, 512Mb included as standard
WiFi	2.4GHz/5GHz dual-band
Display	1 x HDMI 2.0
Audio	1 x Line out

Ports

Ethernet	1 x Gigabit Ethernet
Modem	External USB
USB	3.0 x 1 2.0 x 1

Environment

Power	5v via USB Type C
Dimensions	93.8x65x15.8mm
Weight	250gm
Operating Temperature	-10°c to 60°c
Humidity	10% to 80% relative humidity, non-condensing