

# FireBird™ F-100

Small, multi-channel video encoder and transmitter with built-in 3G/4G Modem, GPS and storage



PERFECT FOR  
SMALL SPACES

105mm (L)  
47mm (W)  
25mm (D)

The FireBird™ F-100 is our smallest gateway designed specifically for video streaming applications where size and weight are of utmost importance. Measuring only 105mm long, 47mm wide and 25mm high, the FireBird™ F-100 is one of the best form factors for covert surveillance or for integrating into small spaces.



## Included Accessories

Antenna x 2, PSU lead



## Mission Critical Video Streaming

Running Videosoft's Edge Gateway software (see separate datasheet), the **FireBird™ F-100** improves real-time situational awareness by providing multiple simultaneous streams to command centres and operatives in the field using efficient bandwidth management.

### Features

- ✓ Real-time low bitrate video
- ✓ Full, high-quality local recording
- ✓ Multiple areas of interest
- ✓ Total Recall™ image enhance
- ✓ Video, audio, GPS and data streams
- ✓ Secure encrypted communications
- ✓ Multiple simultaneous output streams

### Industry experts in ultra-low bandwidth video compression and transmission of live video, audio and data streams

Inside the **FireBird™ F-100**, Videosoft's efficient and adaptive video compression techniques and real-time transmission protocols ensure reliable and low latency delivery of streams - even across ultra-low bitrate, unreliable or congested networks, including mobile and satellite.

Streams and data from the **FireBird™ F-100** are viewed and managed remotely by Videosoft apps running on Windows, Android and IOS. Streams can be fed to industry-standard VMS solutions, using Onvif and RTSP, to be incorporated as part of a wider management platform.

Streaming Capabilities	
Camera Inputs	1 ethernet, 1 USB-C (ethernet adapter compatible), up to 4 with switch
Stream Outputs	1 - 4 simultaneous stream output options at full HD
Encoding	1kbps low-res to 3Mbps high-res 1080p 30fps transcoded or unlimited Native mode
Mechanical & Environmental	
Dimensions	105mm (L), 47mm (W), 25mm (D)
Operating Temperature	-10°C to +45°C ambient
Power Input	12v DC (LEMO FGG.00.302.CLAD35)
Weight	0.20KG
Consumption	8.5W @ 12VDC (fan off)
Total PoE budget	N/A
Certifications	N/A
Interface & Connectors	
Ethernet	1x RJ45
USB	1x USB-C for storage or ethernet adapter for camera connection
Recording	Micro SD card slot (up to 1Tb) or external storage
Modem	4G LTE cellular modem w/GPS Micro SIM Push-Push slot
Antenna Connection	2x SMA Female – LTE Main and GPS (LTE Aux optional to replace GPS)
Accessories	
Included	2x Multiband Antennas, Power connector and lead

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