

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



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