# *GoStream Mini 400 Encoders*        Data Sheet

The new GoStream Mini 400s are flexible, low-cost 4 channel encoders with SDI or HDMI inputs and support for common IP output protocols.

Applications include:

- IPTV systems
- Internet streaming
- IP distribution
- Digital Signage
- Security
- Monitoring

Typical markets where this encoder fits are enterprise, government, education and broadcast. The small form factor and low power consumption make this encoder versatile for usage in many physical locations.

Mini 400S rear view                Mini 400H rear view

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| Specifications | |
|---|---|
| **Model** | Go Stream Mini 400S 400H |
| **Max. FPS** | 1920×1080p@300fps(4 Streams + 1 PGM Channels) |
| **Codecs** | 4 H.264 Encoding Channels |
| **Recording Mode** | Hardware Compression, Real-Time Mode |
| **Input Interfaces** | **Video**<br>4 x BNC for 3G / HD / SD-SDI (400S)<br>4 x HDMI (400H)<br>**Audio**<br>4 x 3.5 mm phone jack – line level |
| **Video Specs** | H.264/AVC, Baseline/Main/High Profile<br>Configurable Bit Rate Up to 64Mbps<br>Supported Resolutions<br>　　**Input:**<br>　　1920×1080 ( P60/P50/P30/P25/P24/i60/i50 )<br>　　1280×720 ( P60/P50)<br>　　720×480 ( P60 ), 720×576 ( P50/i50 )<br>　　**Output:**<br>　　Resize Range from 160×120 to 1920×1080 ( P60 )<br>　　*Output Includes Down Scaling.* |
| **Audio Specs** | AAC-LC<br>　Configurable bit rate range from 32Kbps to 384Kbps<br>　Sample rate : 48KHz, 16bit |
| **Network Interface** | 1x RJ45 for 10/100Mbps Ethernet<br>DHCP client or Static IP |
| **Streaming Protocols** | TS - UDP (unicast & multicast)<br>RTSP over HTTP/TCP/UDP (ONVIF)<br>HLS<br>RTMP – up to 4 outputs |
| **Misc. Features** | 2×USB2.0 (For Keyboard and mouse usage)<br>1×USB3.0 (For external storage usage)<br>1×RS232 + 1×RS485<br>Web UI for system configuration<br>Firmware upgradable<br>LED indicators<br>HDMI monitor output<br>Main function switch:<br>　• Record<br>　• Snapshot<br>　• Stream |
| **Recording Formats** | MP4 / TS / AVI / MOV |
| System Requirement | |
| **Power** | DC 12V (With DV Adapter) |