

## InVISION Caption Generator

The InVISION Caption Generator range is used to burn broadcast quality open-caption subtitles in any style supported by WinCAPS. The rack-mount units can be connected to WinCAPS via a standard IP network, for subtitle insertion into a live transmission stream, or, using the option of the integrated WinCAPS Player software, as part of an off-line dubbing process using tape or a video server.



- High quality open-captions
- Any font, size, colour
- Any Unicode language
- Various backgrounds: surround, stripe, box, mesh
- WinCAPS Player software for self-contained load-and-go operation

### InVISION-HD

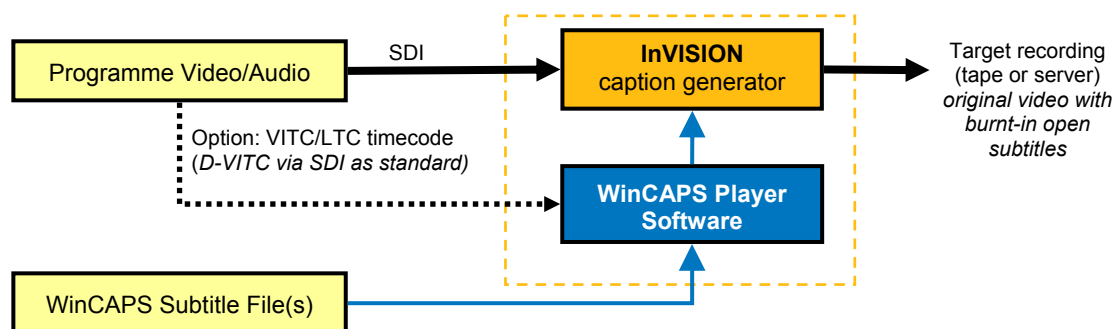
HD/SD SDI video with key/fill output

### InVISION-SD

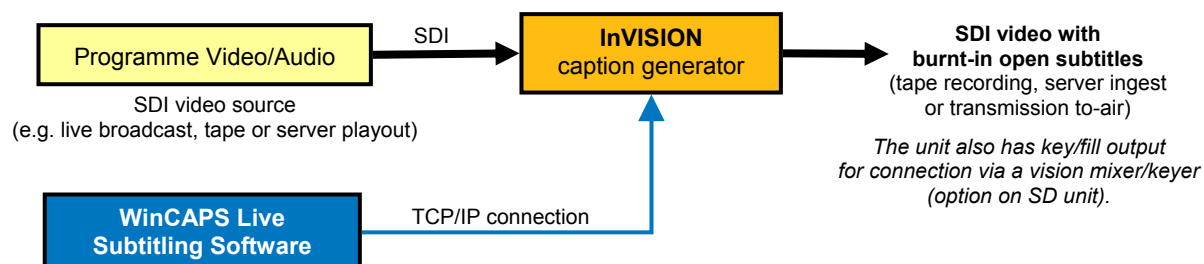
SD SDI video with options for key/fill output or simultaneous VBI teletext subtitle insertion

The unit features a choice of broadcast quality caption generator card housed in an industrial rack mount chassis Windows PC. The optional WinCAPS Player software allows a subtitle file to be loaded and played out synchronised to source timecode. The larger units also offer the option to include an INSERT teletext inserter card to allow simultaneous dubbing of both open and teletext subtitles.

Configuration is accessed through a standard web browser from any network PC or by connecting a monitor, keyboard and mouse. The same user interface is used by the optional WinCAPS Player software for basic operational control and monitoring (including global timecode adjustment to allow for offset between the prepared subtitle file and the master video).



**Video dubbing of HD/SD open subtitles**



**Live subtitling**



### Technical specifications

Model	InVISION-HD	InVISION-SD
HD Formats	1080i - 25,29.97 & 30 fps 720p - 50, 59.94 & 60 fps 1080p/PsF - 23.98, 24, 25, 29.97 & 30 fps	None
SD Formats	625/525 line - 25 fps, 29.97 fps drop & 29.97 fps non-drop	
Video	8/10-bit serial digital component 4:2:2 video (SDI)	
Audio	8 stereo audio pairs, SDI embedded audio only, 16/20/24 bit at 48 kHz	
Timecode	Standard: D-VITC via SDI input Option: ATC(HANC)/LTC	Standard: D-VITC via SDI input Option: VITC/LTC
Throughput delay	6 frames	Negligible
Bypass	Yes	Yes
Key/fill	Yes	Option
VBI pass-through	Yes	Yes
User interface	Web browser interface over TCP/IP connection or local monitor, mouse & keyboard.	
WinCAPS Player software	load file (local storage or network path), start, pause/resume & stop, global timecode synchronisation adjustment	
Temperature range	Operating 0–40°C / Storage -20–60°C	
Power supply	115-240 VAC, 50-60Hz	100-264 VAC, 50-60Hz Option (2U model only): dual (redundant) hot-swappable PSU
Size	4U: 482 x 177 x 480mm (approx weight 20kg)	Standard: 1U: 482 x 44 x 500mm (approx weight 11 kg) Option: 2U: 482 x 88 x 450mm (approx weight 16 kg)

