

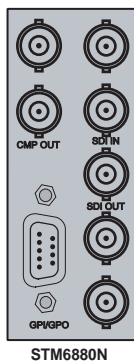
Description:

The STM6880N can monitor the image content and embedded audio, as well as the color bar, color field, multi-wave signal, test used slope signal of video signal, It offers the frame counting and segment counting to signals hereinabove, meanwhile, it can record time point of the last frame in the last segment. It supports the TC code as the time benchmark and can locate the abnormal image precisely. It can monitor the EDH of SDI and count the mistake, meanwhile offers monitoring to freeze frame and black burst of image.

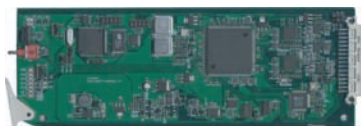
It supports embedded audio group and audio channels monitoring, offers 4 channels audio meter display, and supports Tally editing.

The module supports 1 channel SD-SDI input, one reclocked SDI output and one analog video output. Overlapping menu display, time code and abnormal information display, color bar, color field, last frame time point display, other unknown testing signal, Tally display and 4 channel audio meter to the analog video input.

SNMP **OSD** **Audio Meter**

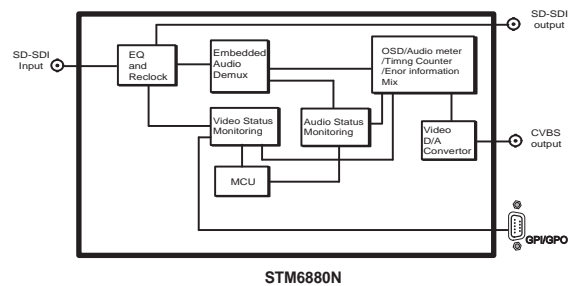


STM6880N



Features:

- ▶ Color bar signal monitoring, total amount of segments and frame recording, the last frame time point recording.
- ▶ Monitoring the unknown testing signal, including multi-wave group signal, testing used slope signal etc., recording the total amount of presented segments and frames, as well as the presented timepoint of last frame
- ▶ Supporting the embedded audio and audio meter
- ▶ Supporting TC code as time benchmark, locating the abnormal image precisely.
- ▶ Supporting the EDH monitoring, and EDH mistakes counting.
- ▶ Freeze frame and black field monitoring
- ▶ Offering OSDmenu and SNMP Internet protocol and SNMP internet control function, easy for user to set locally or remotely



STM6880N

Specifications: (Specifications are subject to change without notice)

SDI Input

Standard	SMPTE 259M; 270 Mbps, 525/625 component
Impedance	75 ohm
Return loss	>18dB to 360MHz
connector	BNC (IEC169-8)
Equalization	Auto equalizing to 30dB@270 Mbps

SDI Output

Standard	SMPTE 259M-C; 270 Mbps, 525/625 component
Connector	BNC (IEC169-8)
Impedance	75 ohm
Return loss	>18dB to 270MHz
Signal amplitude	800 mV ± 10%
DC offset	0 V ± 0.5 V
Rise and fall time	400 to 1500ps (20% to 80% of amplitude)
overshoot	<10% of amplitude
Jitter	<0.2 UI (740ps) peak to peak value, Typical value<500ps

Analog composite video output

Standard	NTSC, PAL或PAL-M
Amplitude	1Vp-p +/-3dB
Impedance	75 ohms
Return loss	>40 dB to 5 MHz
DC offset	0V ± 0.05 V
Frequency response	±0.2 dB to 5 MHz
Differential gain	<1%
Differential phase	<1.5°
Group delay	+/-10ns to 5 MHz

Ordering Information:

STM6880N	Video signal monitoring module
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【The pictures are just for reference and subject to actuality】