NXT-2
SDI ENCODER/DECODER
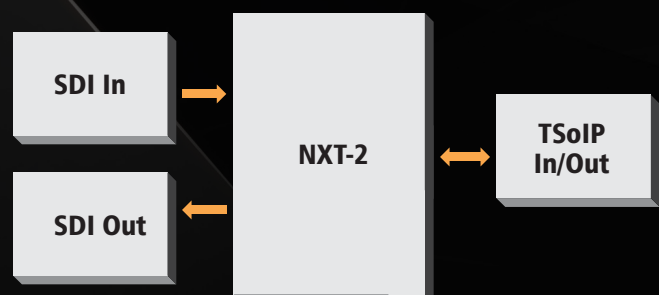
NXT-2
SDI Encoder/Decoder

NXT-2 is our latest professional broadcast-grade compliant HD/SD video and audio encoder and decoder device. This unit has the latest Nextologies Q frame technology that supports reliable and error-correcting communications over public internet or private fibre lines. It functions as a Encoder/Decoder for Uni/Bi-directional low latency applications. This appliance can be used in a variety of digital video/audio contribution and distribution systems such as CATV headends, Satellite and Terrestrial TV production.

BLOCK DIAGRAM

SDI In → NXT-2 ↔ TSoIP In/Out

SDI Out ←

NEXTOLOGIES
CUSTOM END-TO-END VIDEO BROADCAST SERVICES

KEY FEATURES

- Standalone single channel encoder/decoder
- Plug and play solution
- Supports Nextologies TXR protocol, SRT, Rist
- Supports MPEG-2, MPEG-4 & HEVC encoding and decoding
- Re-multiplexer embedded
- Supports Closed Captioning (CC) & Google Captions
- Web management through Nextologies Cloud

SPECIFICATIONS

Number of Inputs/Outputs	BNC	1 x HD/SD-SDI Input, 1x HD/SD-SDI Output
	IP	1 x GbE Data Port, 1 x GbE NMS
Video Standards		1080i@25/29.97/30fps; 720p@50/59.94/60 fps; 576i@25fps; 480i@29.97 fps
Audio		SDI Embedded up to 16 channels
Data		SCTE 104 and SCTE35 supported; Closed Caption/Teletext

Video Enc/Dec		MPEG-2, MPEG-4 & HEVC
Audio Enc/Dec		MPEG1 Layer 2, AC3, HE-AAC (v2), LC-AAC & OPUS
NMS Port	Ethernet Port	10/100/1000M
	Ethernet Port	NMS: TCP/IP, TS over IP: UDP
System	Interface	Network (NMS), Web Management

Miscellaneous	Dimension	137mm x 150mm x 48mm (L×W×H) *without connectors and without rubber feet
	Approx weight	750g
	Power	12V/5A (60W) AC Adaptors
	Temperature	0~45° C (operational), -20~80° C (Storage)