



The **BarnPalette-Flow-3G/12G** is a converter that is capable of transmitting 4x3G-SDI or 1x12G-SDI over ST-2110 IP signals, and the IP interface supports 25G. A single unit can handle up to four signals for encapsulate (ENC) or decapsulate (DEC). Users can easily switch between ENC and DEC modes via the front panel, and also possible through WebGUI. Video, audio, and ancillary data are compliant with ST-2110, ST-2059, and NMOS IS-04/05 standards.

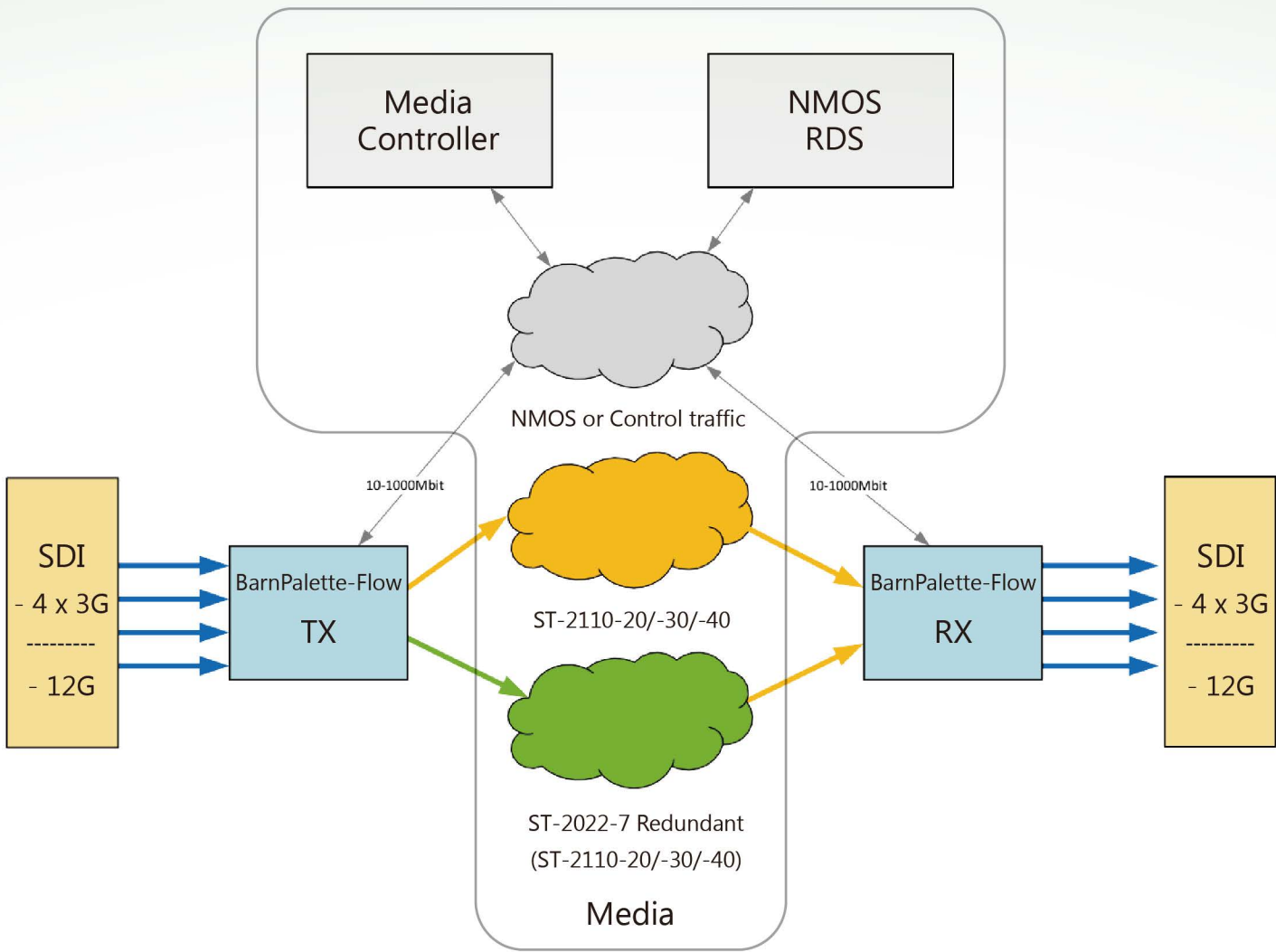
## KEY PRODUCT FEATURES

- **SDI OVER IP** - A hardware converter that performs the essential yet straightforward conversion between SDI and ST-2110-20/-30/-40.
- **NMOS COMPATIBLE** - Supporting NMOS IS-04/05 enables smooth integration into systems.
- **FULL CONTROL WEBGUI** - Mode changes and settings for ENC/DEC, as well as PTP synchronization status checks, can be easily managed through an intuitive GUI.

### Features

- Uncompressed video and audio can be converted from SDI to IP using ST-2110
- 4K (12G, 4 x 3G-SDI) or 4 x HD (3G/HD-SDI) can be transmitted using ST-2110
- 16ch audio can be transmitted per channel
- AMWA NMOS IS-04/05 compatible
- PTP (ST-2059 v2), or external Genlock Synchronization
- Controllable from software applications
- SNMP compatible

SDI → IP → SDI



| SDI input ( BNC75Ω )  | 3G-SDI Level-A/B, 12G-SDI                    |
|-----------------------|----------------------------------------------|
| Chroma                | 4:2:2                                        |
| Bit depth             | 10bit                                        |
| Framerate             | 50p, 59.94p, 60p                             |
| Encoder Input Format  | 4K ( 4 x 3G-SDI, 1 x 12G-SDI )               |
| Decoder Output Format | 4K ( 4 x 3G-SDI, 1 x 12G-SDI )               |
| Form Factor           | 223mm x 277mm x 44mm ( 8.8" x 10.9" x 1.7" ) |
| Weight                | 1.4 kg                                       |
| Power Supply          | AC100V~240V                                  |
| Power Consumption     | 30W.                                         |
| Temp. Oper.           | 0~35C.                                       |
| Humid. Oper.          | 20%RH~80%RH                                  |