

IF-7800S

MPEG-2 TS / IP Converter

The IF-7800S is a small network adapter to enable secure and stable transmission via IP network.



Features

Secure Transmission

- Equip of MPEG-2 TS over IP for application of Unicast and Multicast
- High security transmission by VLAN and AES scramble.

Compact Size

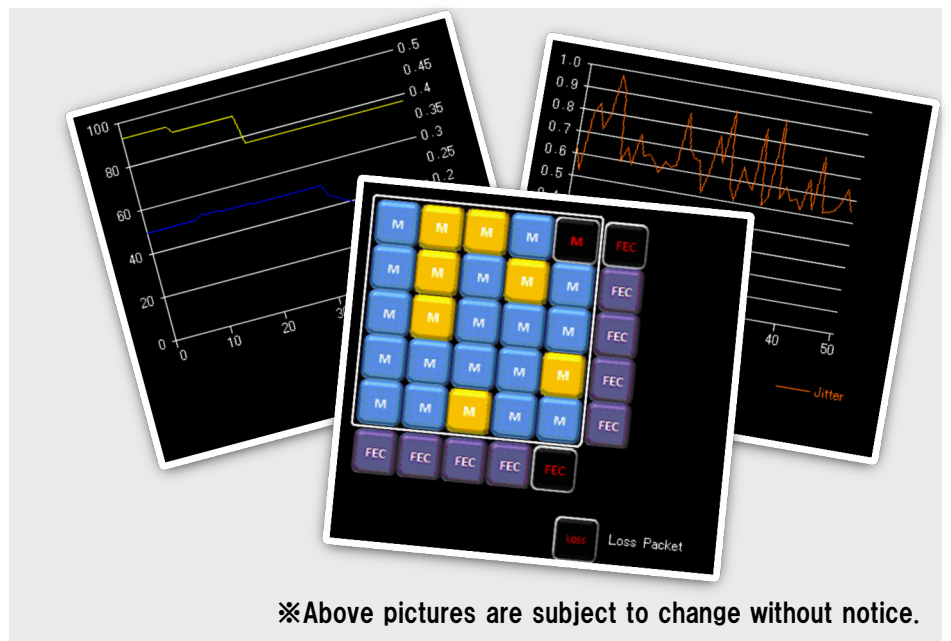
- Compact size of 1U half rack size
- Lightness of 2kg
- Portable and easy to install

Stable Transmission

- Supports up to TS Rate of 120Mbps
- Stable transmission by error correction of FEC and ARQ

Simple Network Monitoring

- Monitoring the network line status (RTT, network jitter, packet Loss ...)
- Supports to setup the most suitable network



※Above pictures are subject to change without notice.

NEC Corporation

<http://www.nec.com/global/prod/nw/broadcast/>


IF-7800S MPEG-2 TS/IP Converter

Specifications

ASI Interface		IF-7800 (TX Mode)	IF-7800 (RX Mode)
Physical Port		Input × 1, Output × 2 (BNC 75Ω)	Output × 2 (BNC 75Ω)
TS Size		188 or 204 Byte, Auto Detect	188 or 204 Byte
TS Rate		500[kbps] ~ 120[Mbps]	
Network Interface	Physical Port	10Base-T/100Base-TX/1000Base-T (RJ-45), Auto Negotiation	
	Transport	MPEG-2 TS over RTP/UDP/IP, RTCP	
	Streaming	Unicast, Multicast	
	Protocol	IGMPv2/v3, VLAN, TOS	
	Error Correction	ProMPEG FEC CoP#3, ARQ	
Control and Management	Physical Port	10Base-T/100Base-TX/1000Base-T (RJ-45), Auto Negotiation	
	Remote Management	In-Band over GbE Interface Out-of-Band over GbE Interface	
	Protocol	SNMPv1/v2c, HTTP	
Environmental Conditions	Operating Temperature	0°C to 50°C	
	Storage Temperature	-10°C to 55°C	
	Humidity	10~90%, non-condensing	
Physical Characteristics	Input Voltage Range	AC85~264V, 50/60Hz	
	Typical Consumption	30W	
	Dimensions	210(W)×372(D)×44(H) mm	
	Weight	2kg	

※Conversion from TS to IP (TX Mode) or from IP to TS (RX Mode) can be selected by switch setting on the unit.



 Safety precautions	To install, make connections and operate this product, please carefully read and observe instructions, precautions and recommendations in our instruction manuals.
--	--

- The Colors in this brochure may differ from those of the actual unit. Designs and specifications of this product is subject to change without prior notice.

For additional information:

Please contact your nearest NEC sales offices or visit www.nec.com.

NEC Corporation
Americas and EMEA Sales Division
Greater China and Asia Pacific Sales Division
Broadcast and Video Systems

7-1, Shiba 5-chome, Minato-ku, Tokyo,
108-8001, Japan
Tel: +81-3-3798-5463
Fax: +81-3-3798-8476

NEC Europe Ltd.
Network Solutions Division

NEC House, 1 Victoria Road,
London
W3 6BL, United Kingdom
Tel: +44-(0)20-8993-8111
Fax: +44-(0)20-8752-3735

NEC Asia Pacific Pte. Ltd.

No.1 Maritime Square
#12-10 HarbourFront
Center
Singapore 099253
Tel: +65-6278-1818
Fax: +65-6271-2088

NEC Latin America S.A.

Av. Paulista, 2.300
01310-300 Sao Paulo, SP
Tel: +55-(0)11-3151-7000
Fax: +55-(0)11-3151-7218