

IP Transmission Unit

IPL-1-TX/RX

ASI
IN

ASI
OUT

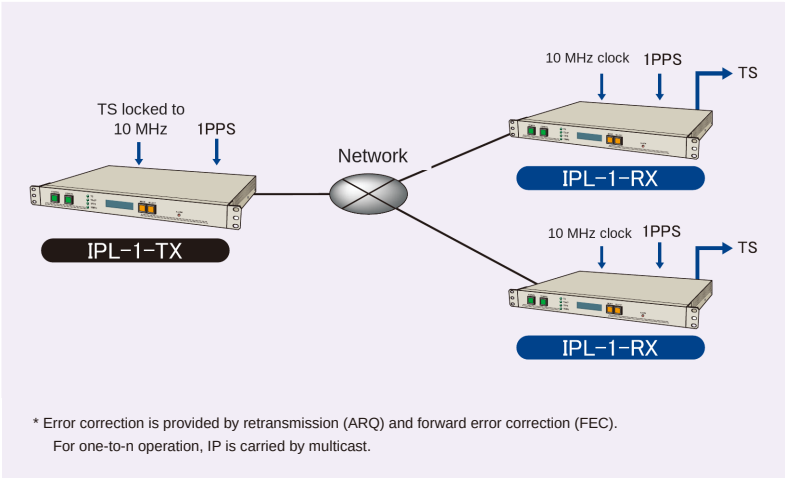
LAN

DO
cont.

DTTB

Can be used to build SFN (Single Frequency Network) links for digital terrestrial / V-Low broadcasting, and BCP (Business Continuity Planning) backup links.

- Used as a pair of IPL-1-TX and IPL-1-RX
- Compression and error correction deliver high-quality transmission



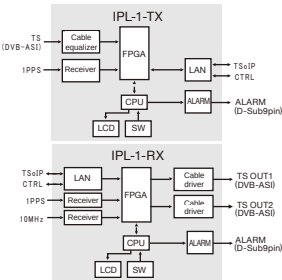
¥700,000 each (excl. tax)



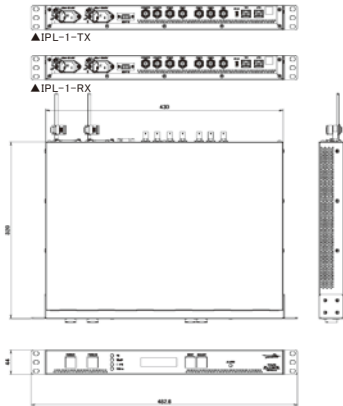
▲IPL-1-TX



▲IPL-1-RX



[Dimensional Drawing]



[Specifications]

Product Type		IP Transmission Unit	
Product Name		TS CaPID IPL-1-TX/RX	
Model Number		IPL1TX-A120R-A / IPL1RX-A120R-A	
Input	TS IN (IPL-1-TX only)	DVB-ASI, input impedance 75Ω Fixed TS bit rate (variable bit rate not supported) Input TS bit rate up to 33.000 Mbps	
	1PPS IN (required)	TTL level, input impedance 50Ω When operating in 1PPS synchronization, the signals fed to each unit must have synchronized rising edges.	
	10MHz IN (IPL-1-TX only)	Allowable input range 0.5–1.0 Vp-p Input impedance 50Ω	
Output	TS OUT	DVB-ASI (burst mode / packet mode selectable) Output impedance 75Ω * OUT1 and OUT2 output the same content	
	Contact OUT	MOS FET relay output Relay rating: • Max output voltage 40 V • Max continuous load current 120 mA • On resistance 1.0–15 Ω typ. (25 Ω max) D-sub 9-pin	
Delay setting		1PPS sync: 50 ms – 980 ms Async: 50 ms – 1500 ms Resolution 1 ns Accuracy ±0.5 μs	
Power		AC100V–240V	
	Apparent power Consumption	20VA 12W	
Operating temp. / humidity		0–40°C, 30–80% (non-condensing)	
Dimensions (W×H×D) (mm)		EIA 19-inch rack, 1U size 430×44×320 (excl. protrusions)	
Weight		Approx. 3.0 kg	
Accessories		AC100V power cable User manual	
Related products		MPEG-2 TS → TS over IP Conversion Unit (WA-5-TI)	