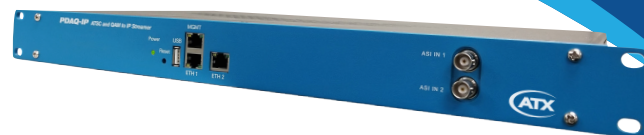


PDAQ-IP

ATSC & QAM to IP Streamer (MPTS & SPTS)

The ATX PDAQ-IP supports 16-MPTS or 512-SPTS outputs over UDP and RTP/RTSP protocols. It is integrated with eight ATSC/8VSB tuners, eight QAM/DVB-C tuners, two ASI inputs, and gateway functions. The unit can demodulate the signals from 16 tuners into IP packets, or directly convert the TS from ASI inputs and tuners into IP and output the IP packets through different IP addresses and ports.



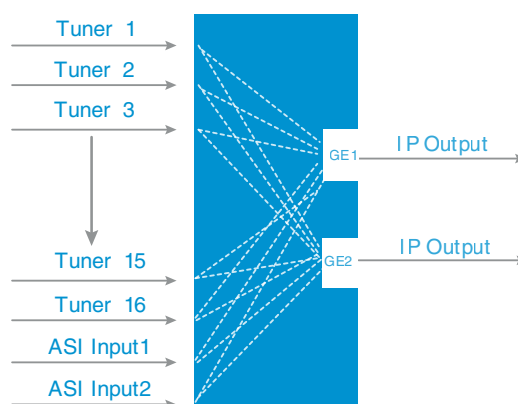
PDAQ-IP
(front view)



PDAQ-IP (rear view)

Features

- Supports eight ATSC/8VSB tuners
- Supports eight QAM/DVB-C tuners
- Supports two ASI inputs
- 16-MPTS or 512-SPTS output (switchable MPTS and SPTS output)
- Two GE mirrored outputs, up to 850 Mbps in SPTS
- Two independent GE output ports, GE1 and GE2 in MPTS
- Supports PID filtering, remapping (only for SPTS output)
- Supports "Null PKT Filter" function (only for MPTS output)
- Supports input loop through for both QAM and ATSC on back panel
- Secure management and configuration via an easy-to-use web browser



System Diagram

Specifications

INPUT		
SPTS OUTPUT	8 ATSC/8VSB + 8 QAM/DVB-C + 2 ASI Inputs	
SPTS/MPTS OUTPUT	8 ATSC/8VSB + 8 QAM/DVB-C (without ASI input)	
TUNER SELECTION		
QAM/DVB-C	STANDARD	J.83A (DVB-C), J.83B, J.83C
	FREQUENCY IN	30-1000 MHz
	CONSTELLATION	16/32/64/128/256/ QAM
ATSC	INPUT FREQUENCY	54 MHz ~ 858 MHz
	BANDWIDTH	6 M
OUTPUT		
512 SPTS IP mirrored outputs over UDP and RTP/RTSP protocols through GE1 and GE2 ports, unicast and multicast		
16 MPTS IP outputs (for tuner/ASI pass through) over UDP and RTP/RTSP protocols through GE1 and GE2 ports, unicast and multicast		

BISS DESCRAMBLING	
Mode 1, Mode E (up to 850 Mbps) (descramble individual program)	
GENERAL	
POWER REQUIREMENTS	100 VAC ~ 240 VAC, 50/60 Hz
POWER CONSUMPTION	20W
OPERATING TEMPERATURE	0°C to +45°C (+32°F to +113°F)
DIMENSIONS	1.75"H x 19.0"W x 16.0"D (4.45H x 48.26W x 40.6D cm)
WEIGHT	7.0 lbs (3.18 kg)

Ordering Information

Part Number	Description
PDAQ-IP	ATSC and QAM to IP Streamer (MPTS and SPTS)

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ATX Networks

Tel: 289.204.7800 | Toll-Free: 866.YOUR.ATX | support@atx.com