



PDAQ-IP

ATSC & QAM to IP Streamer (MPTS & SPTS)



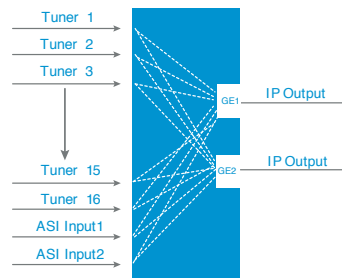
Description

The Pico Digital 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.

Features

- Supports 8 ATSC/8VSB tuners
- Supports 8 QAM/DVB-C tuners
- Supports 2 ASI inputs
- 16-MPTS or 512-SPTS output (switchable MPTS and SPTS output)
- 2 GE mirrored outputs, up to 850 Mbps in SPTS
- 2 independent GE output ports, GE1 and GE2 in MPTS
- Supports PID filtering, re-mapping (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

Diagram



Specification

Input		
SPTS Output	8 ATSC/8VSB + 8 QAM/DVB-C + 2 ASI inputs	
SPST/MPTS Output	8 ATSC/8VSB + 8 QAM/DVB-C (without ASI input)	
Turner Selection		
DVB-C	Standard	J.83A (DVB-C), J.83B, J.83C
	Frequency in	30 MHz - 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 turner/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		
Dimension	19" (w) x 16" (D) x 1.75" (H)	
Weight	7 lb	
Operation Temperature	0 ~ 45° C	
Power Requirements	100 VAC ~ 240 VAC, 50/60 Hz	
Power Consumption	20 W	

Ordering Information

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