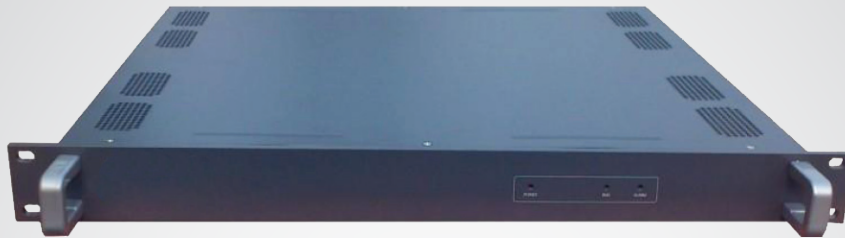


ASI/IP - IP/ASI Gateway

ASI/IP gateway is an ASI and IP converter device which is designed and manufactured according to DVB and Ethernet related standards. WDG-ATI/ITA has total eight ASI inputs/outputs, Max. Bitrates of each port is up to 214Mbps. WDG-ATI/ITA has one "TS over IP" 10/100/1000Mbps auto-negotiation Ethernet interface as data port, and one 100Base-T as control port. WDG-ATI/ITA supports IP unicast or broadcast, 1~7 TS packet could be put in each IP packet. WDG-ATI/ITA can be controlled or configured easily by NMS through the connection with that 100Base-T fast Ethernet port on the device



Features

- Up to 8 ASI input/output
- Max. bitrate up to 214Mbps for each input/output channel, automatic detection for both 188 and 204 byte input format
- Support SPTS or MPTS input/output
- 10/100/1000BASE-T Gigabit Ethernet with Auto-negotiation bit rate
- Based on UDP packet and IPv4 protocol - support 1~7 TS packet in each IP package
- Low latency (less than 10ms) - Max. throughput of 214Mbps
- IP unicast or broadcast compliant
- PCR correction
- Jitter elimination (10~900ms)
- 10/100BASE-T Ethernet control port.

Application

- DVB TS to IP conversion in digital TV contribution or distribution world

Compliant

- EN 50083-9
- ETSI TR 101 154
- ETSI TR 101 891
- EN 300 429
- ITU-T J.83A
- IEEE-802.3

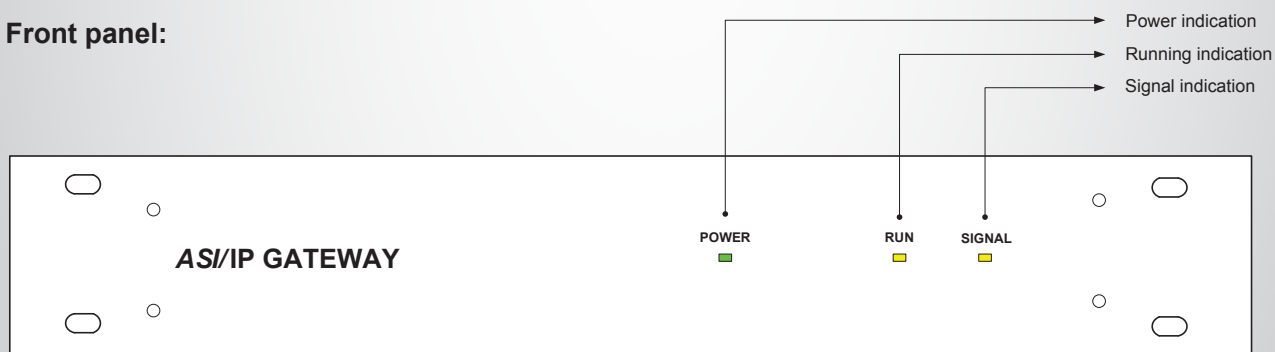


ZORA
Satellite and cable equipment
www.zora.mk

Table 2 – Technical Specifications

Parameter	Symbol	Description	Unit	Remark
Mechanical dimension				
Height	H	42	mm	About 1U
Width	W	434	mm	About 17"
Depth	D	340	mm	
ASI INPUT/OUTPUT				
Number of ASI input	-	8	pcs	
Impedance	-	75		
Connector	-	BNC	NA	
Maximum bit rate	-	214	Mbps	
TS packet format	-	188 or 204	Byte	Automatic detection
Transmission format	-	Data packet or data burst	NA	
IP INTERFACE(DATA)				
Type		10/100/1000BASE-T		Auto-negotiation
Connector		RJ45		
Max. bitrate		1.25	Gbps	
Max. throughput		214	Mbps	
Compatible protocol		IP V4, UDP, ARP		
CONTROL PORT				
Type		10/100BASE-T		
Connector		RJ45		
Max. bitrate		125	Mbps	

Front panel:



Rear panel:

