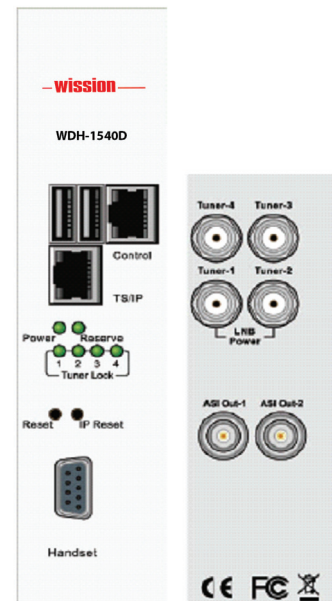


# WDH-1540D

## Professional IRD and Processor

### Main Feature

- Multiple inputs DVB-S2/C/T/T2 option
- 4 independent tuners on board
- 2 ASI outputs and TS over IP output (option)
- Built-in TS processor for service and PID filtering or remux
- TS over IP support UDP/RTP protocol and SPTS or MPTS mode
- TS over IP output support support Multicast/Unicast
- Web remote management and SNMP supervision
- Software update via ETHERNET port
- Configuration reload after power failure



### Specification

#### DVB-S2 Tuner Input (comply with DVB-S2, DVB/DSS standard)

Connector Type	4×F type female 75Ω for Input
Input Frequency Range	950~2150MHz
Input Level	-25~-65dBm
Symbol Rate	2~45MBaud
Roll-off Factor	DVB-S QPSK: 0.35 DVB-S2 8PSK: 0.35, 0.25, 0.2
FEC Code Rate	DVB-S QPSK: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2 QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 8/10 DVB-S2 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
Satellite Selection Command	DiSEqC 1.0
LNB Polarity Selection Voltage	0, 13V, 18V selectable
LNB Band Selection Tone	0/22KHz selectable

#### DVB-C Tuner Input

Connector Type	4×F type female 75Ω for Input
Input Frequency Range	48~860MHz
Input Level	45~75dBμV
Symbol Rate	1~7MS/s
Constellation	16/32/64/128/256QAM
Bandwidth	6MHz/7MHz/8MHz

#### DVB-T/T2 Tuner Input

Connector Type	4×F type female 75Ω for Input
Input Frequency	104~862MHz (VHF/UHF)
Input Level	-20~-70dBm
Constellation	DVB-T: QPSK, 16QAM, 64QAM DVB-T2: QPSK, 16QAM, 64QAM, 256QAM
Bandwidth	6MHz/7MHz/8MHz

FFT Mode	DVB-T: 2K/8K DVB-T2: 1K, 2K, 4K, 8K, 16K, 32K
Guard Interval	DVB-T: 1/4, 1/8, 1/16, 1/32 DVB-T2: 1/4, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128
FEC Code Rate	DVB-T: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-T2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6

#### TS over IP output

Connector Type	1×RJ-45, 10/100 Base-T for TS/IP
Protocol	UDP/RTP, Multicast/Unicast, IGMPv2, ARP
Effective Bit Rate	70Mb/s
Multicast Quantity	Max.32 multicast output

#### ASI output

Connector Type	2xBNC female, 75Ω
Standard	DVB-ASI, EN50083-9
Output Bit Rate	≤108Mb/s

#### Control & Monitoring

Connector Type	1×RJ-45, 10/100 Base-T, for equipment IP Control
Remote Control	SNMP, HTTP (Web Interface)
Local Control	Handheld Programmer Unit
Software Upgrade	Embedded FTP Loader and Telnet

#### Physical

Power Supply	DC 3.3V/5V/12V,
Power Consumption	15W(exclude LNB power supply)
Operating temperature	0~45°C
Storage temperature	-10 to 60°C
Operating Humidity	10~90%, non-condensed

### Order Information

Interface / Model		WDH-1540-S2	WDH-1540-C
Tuner Input	DVB-S/S2	x4	
	DVB-T/C		x4
Output	ASI(1+1)	•	•
	TS/IP(10/100M)	•	•