

# 8x DVB-S/S2 to 4x DVB-T Transmodulator 14MM-TDX440



*For the Best*

The TERRA TDX440 is a DVB-S/S2 to DVB-T transmodulator with powerful processing and management abilities, 8x DVB-S/S2 inputs and up to 4x DVB-T outputs. The TDX440 has a built-in SNMP and web control for easy management of services and general setup. In addition, the TDX440 can multiplex services from any input to any output for total flexibility.

## Features and Benefits

- » 8x DVBS/S2 to 4x DVB-T output
- » Service multiplexing - any input to any output
- » Simple web control and SNMP monitoring with an onboard email client
- » MER  $\geq 38$  dB (100-780 MHz)  $\geq 35$  dB (780-860 MHz)
- » Bonded channel output
- » Full LNB powering control



## 14MM-TDX440 Specifications

Sections input/output		8/2
RF input	frequency range*	950-2150 MHz
	LNB powering/control*	0/13/18 V & 22 kHz, 500 mA total, DiSEqC 1.0, EN50494, EN50607
	level/impedance	55-95 dB $\mu$ V / 75 $\Omega$
	modulation	QPSK, 8PSK (DVB S/S2)
	symbol rate*	2 $\div$ 45 Ms/s
	return loss	$\geq 10$ dB
	RF input count	2
RF output	loop through frequency range/loss	950-2150 MHz / $\leq 1.5$ dB
	DVB standard*	DVB-T
	frequency range*	170-230 MHz / 470-862 MHz
	channel allocation, adjacent	4
	level/impedance	90 $\pm$ 2 dB $\mu$ V/75 $\Omega$
	TS bit rate	< 31 Mbit/s
	MER	$\geq 35$ dB
	modulation*	QPSK, QAM16, QAM64
	channel bandwidth*	7 MHz / 8 MHz
	guard interval*	1/4, 1/8, 1/16, 1/32
	code rate*	1/2, 2/3, 3/4, 5/6, 7/8
return loss	$\geq 10$ dB	
transmission mode*	2K / 8K	
total output level adjustment*	0 $\div$ -15.0 dB by 1 dB step	
RF output	loop through frequency range/loss	45-862 MHz / $\leq 2.5$ dB
Management port	standard IEE802.3 10/100 Base T	
Current consumption**	12 V 0.8 A	
Operating temperature range	0 $^{\circ}$ $\div$ +45 $^{\circ}$ C	
Dimensions/Weight (packed)	48.5x198x112 mm/0.9 kg	

\* software control

\*\* without external DC feeding