

KNC ONE GmbH  
TV-Station DVB-T (Rev. X2)

Art.-Nr.:  
M22147

Tuner / Prozessor	
Tuner	Philips TU1216L
PLL	TDA6650TT
Channel decoder	TDA10046HT
Prozessor	Philips SAA7146H

Connectors	
Antenna Input	IEC female
Antenna Output	IEC male
BUS type	PCI 32-Bit, Version 2.2
CI	80-Pin for CineView

Mechanical Data	
Height	82mm
Length	120mm
Depth	17mm
Weight (including bracket)	106g

COFDM Channel Decoder / Signal Modulation / Coding	
FFT	2K, 8K
Modulation	QPSK, 16QAM, 64QAM
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard Int	1/4, 1/8, 1/16, 1/32
FEC	Reed Solomon & Viterbi
Frequency steps	-
Frequency offset	-
Bandwidth	-

Reception characteristics	
Reception Standards	ETS 300 744 & NorDig 2
Frequency Range	49-861 MHz
min. Input Level	-92,1dBm (QPSK, FEC 1/2) -74,7dBm (64QAM, FEC 7/8)
max. Input Level	-20dBm
Loop Through loss	8dB
Loop Through Frequency Range	45-860 MHz

Operation conditions	
Ambient temperature	-10 °C - +60°C
Relative humidity	max. 95%

Power Consumption	
5V (STBY)	300mA
12V (STBY)	153mA
5V	365mA
12V	170mA
Antenna Supply	max. 50mA