

KNC ONE GmbH
TV-Star DVB-S (Rev. X4)

Art.-Nr.
M22154

Tuner / Prozessor	
Tuner	Philips SD1878
PLL	TDA8261
Channel decoder	STV0299
Prozessor	Philips SAA7146H

Connectors	
Antenna Input	F-connector
Antenna Output	-
BUS type	PCI 32-Bit, Version 2.2
Common Interface	-

Mechanical Data	
Height	82mm
Length	120mm
Depth	17mm
Weight (including bracket)	94g

COFDM Channel Decoder / Signal Modulation / Coding	
FFT	-
Modulation	QPSK
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	950-2150 MHz
Sensitivity (min)	-99dBm (2MS/s, BER= 2*10 ⁻⁴ , PR=3/4) -90dBm (27,5MS/s, BER= 2*10 ⁻⁴ , PR=3/4)
	-77dBm
max. Input Level	-25dBm
Loop Through loss	-
Loop Through Frequency Range	-

Operation conditions	
Ambient temperature	0 °C - +70°C
Relative humidity	max. 95%

Power Consumption	
5V (STBY)	350mA
12V (STBY)	100mA
5V	450mA
12V	160mA
Antenna Supply	max. 500mA