

# DVB-T MICROLINK

## TRANSMITTER

DML-TT112

The DVB-T MICROLINK system is a compact and reliable solution that allows short distance transmissions of analog or digital videos without the need of a coaxial cable between the transmitter and the receiver. The RF frequency can be selected between 6 channels in the 2450 ÷ 2500 MHz band.



### TECHNICAL SPECIFICATIONS\*

\*specifications may be changed in accordance with the technical department

#### VIDEO ENCODING

Input video

Standard

Encoder

Video bitrate

Video resolution

1 CVBS, 1 SDI

PAL, NTSC

MPEG-2 (ISO/IEC 13818-2) MP@ML

Up to 15 Mbps

Up to 720 x 576 (SD)

#### MODULATOR

RF output frequency

RF putput level

Modulation

Channel bandwidth

Carriers

Constellation

FEC

Guard interval

2456 ÷ 2496 MHz on 6 channels

typ. +20 dBm

DVB-T COFDM

6 MHz, 7MHz, 8 MHz

2k mode, 8k mode

QPSK, 16QAM, 64QAM

1/2, 2/3, 3/4, 5/6, 7/8

1/4, 1/8, 1/16, 1/32

#### GENERALE

RF control

Power supply

Power consumption

Operating temperature

Storage temperature

Storage relative humidity

Dimensions

Protection degree

6 channels via rotary switch

12 ÷ 13.8 Vdc

15 W typ.

-10 ÷ +45 °C

-20 ÷ +80 °C

10% ÷ 80%

Rack 1U 28TE (172 x 45 x 215 mm)

IP30