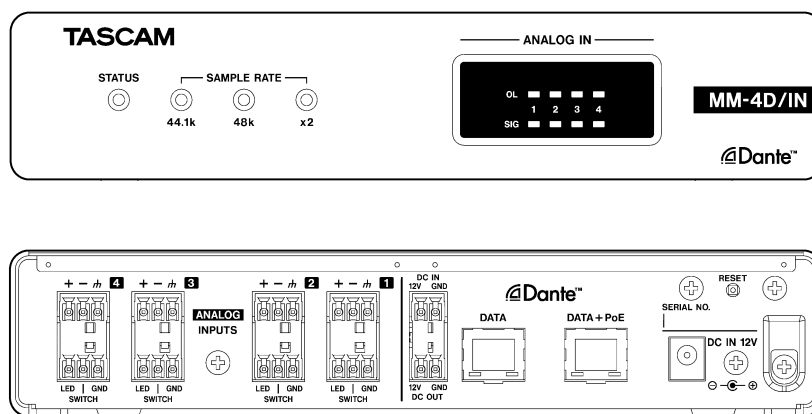


Jan, 2019

Product Spec Sheet

AD CONVERTER

MM-4D/IN-E



■ Specifications

General

•Formats and channels

44.1/48/88.2/96 kHz, 16/24-bit, 4 channels

Input/output ratings

•DATA/DATA+PoE connectors

Connector: RJ-45
 Transmission protocol: Dante
 Gigabit Ethernet standard: 1000BASE-T (IEEE 802.3ab)
 Cables: category 5e or faster STP cables

•ANALOG IN connectors

Connector: Euroblock (balanced) 3.81 mm pitch
 Minimum input level: -70 dBu
 Maximum input level: +26 dBu
 Input impedance: 2.0 k Ω or higher

● 0 dBu = 0.775 Vrms

Control input/output

•External control connectors (LED/SWITCH)

Connectors: Euroblock (balanced) 3.81 mm pitch

LED connectors

Output format: open collector (10 Ω output impedance, 48 V withstand voltage, 35 mA maximum current)

Low level maximum output voltage: 0.5 V

SWITCH connectors

Maximum input voltage: 5.5 V
 High level minimum input voltage: 2.31 V
 Low level maximum input voltage: 0.99 V

Audio performance**● MIC IN ⇒ DANTE OUT****•Mic amp EIN (equivalent input noise)**

−125 dBu (150 Ω, 22 kHz LPF+A, JEITA)

•Frequency response

±0.5 dB: 20 Hz – 20 kHz (44.1/48 kHz sampling frequency, JEITA)

±0.5 dB: 20 Hz – 40 kHz (88.2/96 kHz sampling frequency, JEITA)

•Distortion (THD+N)

0.003 % (when −1 dBFS input, 44.1/48/88.2/96 kHz sampling frequency, JEITA)

•S/N ratio

108 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)

•Crosstalk

100 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)

•Dynamic range

108 dB (44.1/48/88.2/96 kHz sampling frequency, JEITA)

Note: JEITA indicates compliance with JEITA CP-2150

Other**•Power**

PoE class 0

TASCAM PS-P1220E AC adapter (sold separately)

•Power consumption

7.5 W

•Dimensions

214 × 44.45 × 136.1 mm (W x H x D, including protrusions)

•Weight

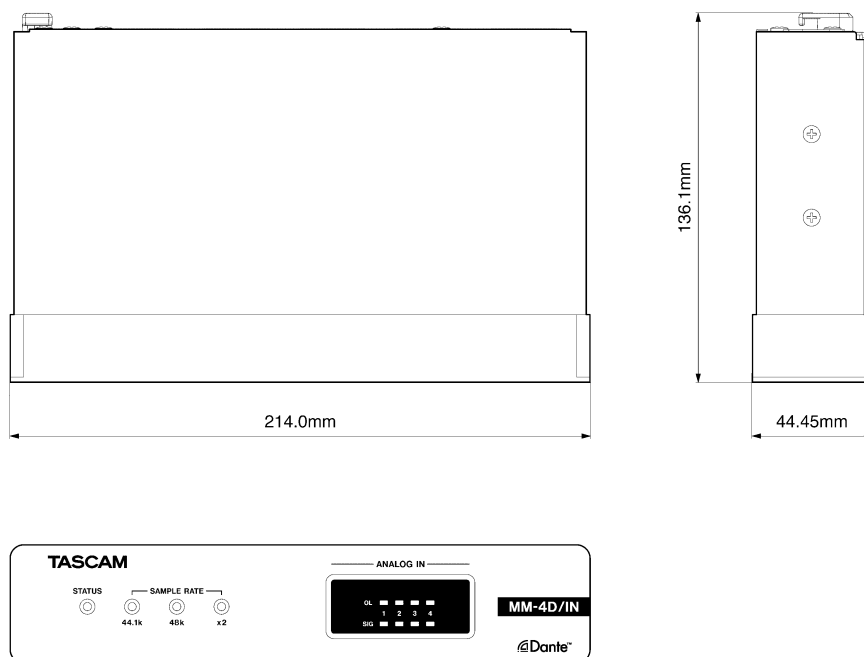
885 g

•Operating temperature range

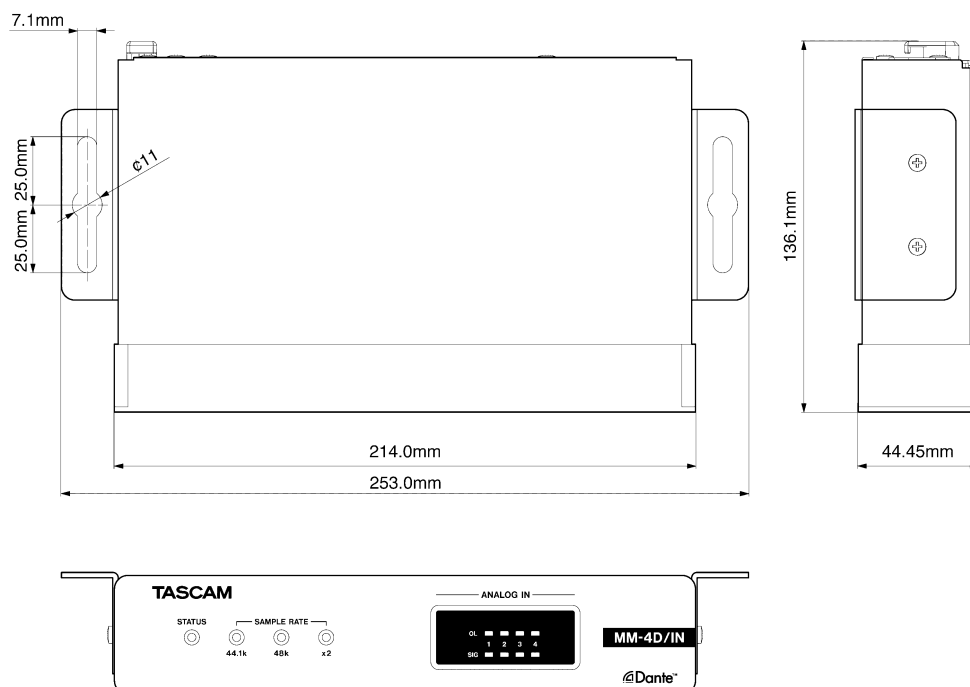
0°C – 40°C

■ Dimensional drawings

• Main unit



• Main unit with brackets installed



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