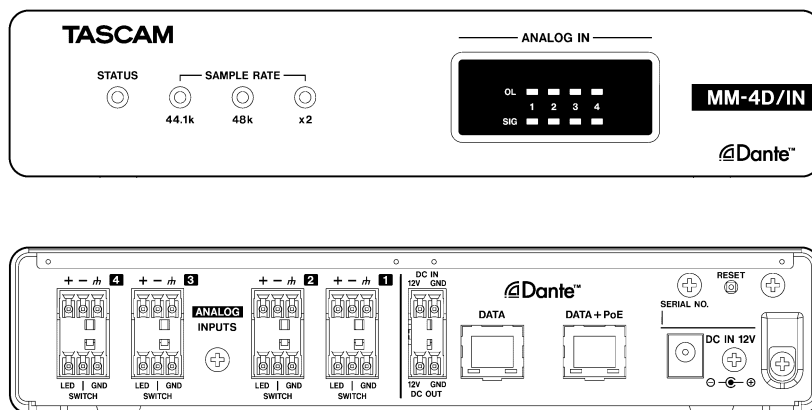Jan, 2019

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
Minimun 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
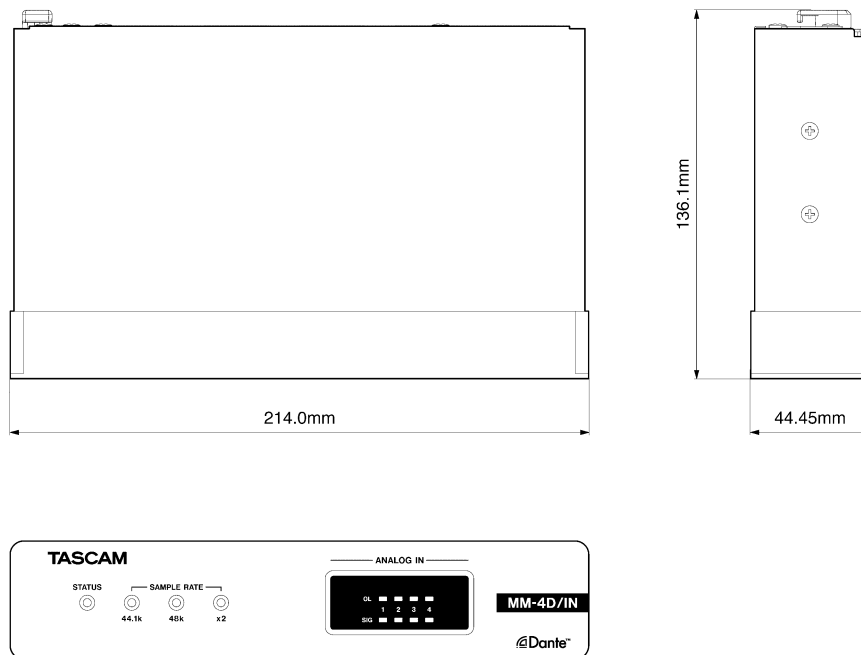214 × 44.45 × 136.1 mm (W x H x D, including protrusions)
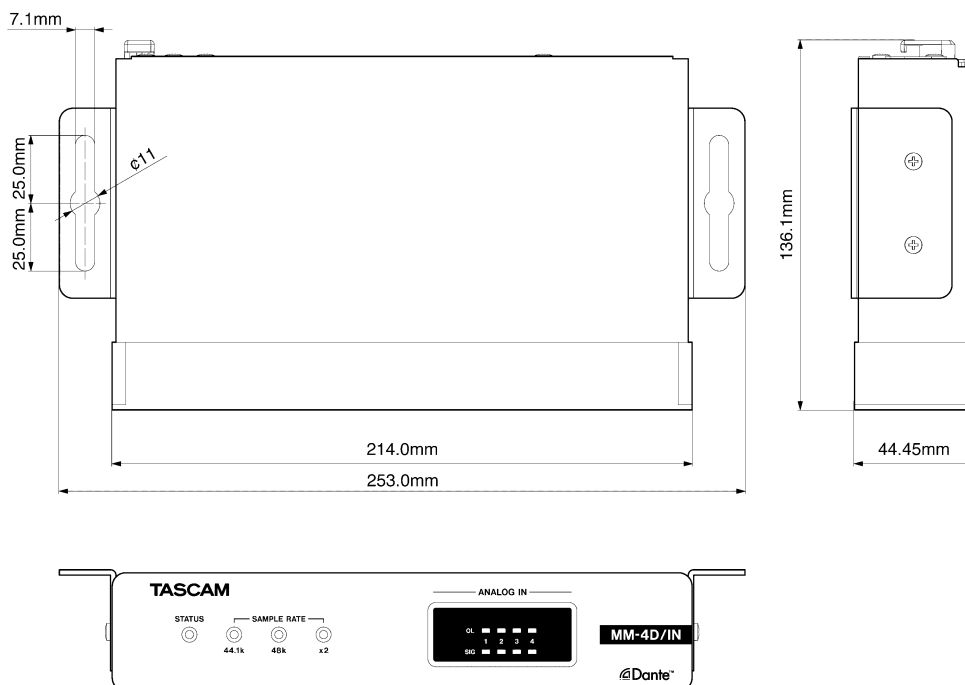
・Weight
885 g

・Operating temperature range
0°C − 40°C

■ Dimensional drawings

・Main unit

214.0mm

136.1mm

44.45mm

STATUS — SAMPLE RATE —
44.1k   48k   x2

ANALOG IN
OL
SIG   1 2 3 4

MM-4D/IN
Dante™

・Main unit with brackets installed

7.1mm

25.0mm 25.0mm 25.0mm

φ11

136.1mm

214.0mm

253.0mm

44.45mm

STATUS — SAMPLE RATE —
44.1k   48k   x2

ANALOG IN
OL
SIG   1 2 3 4

MM-4D/IN
Dante™

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