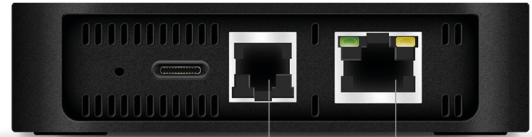


connectors backside



Reset Power / USB-C

connectors backside variant LC or OEM Option



mediola compactIP (RJ12)

LAN Ethernet (RJ45)

 Made in Germany

Matter Bridge MMB-001-Serie

GENERAL SPECIFICATIONS

Description Item Number	mediola Matter Bridge MMB-001-Serie
Dimensions	W/H/D: 90 x 23 x 90
Material (Housing) Color	Polycarbonate Black – or OEM variant
Branding	White Label or OEM
Supplier	Mediola – oder OEM with Own Certification by Similarity

TECHNICAL SPECIFICATIONS

Power Supply Plug Type	5V DC, 1,5 A USB-C
Power Consumption	1,3 W (Normal Operation)
Main-Processor	2 Xtensa LX6 / 240 MHz - 520kB internal RAM + 8MB external RAM + 16MB Flash
Co-Processor	Arm Cortex -M4 RISC / 96 MHz - 256kB RAM + 1MB Flash
Wi-Fi LAN	IEEE 802.11 b/g/n 2,4 GHz 10/100 Base-T Ethernet, IEEE802.3 ff. (Variant LC oder OEM-Option)
RF-Transceiver	Depending on hardware variant 433 / 868 MHz
RF Transmission Range	> 70m Free Field
Bus Interface	Usable in OEM variants for wired solutions and as a Building Bus (Variant LC or OEM Option)
RGB/LED Indicator (Top Cover)	Displays Device Status – Customizable as OEM Variant

HARDWARE VARIANTS

MMB-001-4	CSA23L70MAT42670-24	RF1: 433 MHz
MMB-001-8	CSA23L71MAT42671-24	RF1: 868 MHz
MMB-001-48	CSA23L69MAT42669-24	RF1: 433 MHz + RF2: 868 MHz
MMB-001-88	CSA240E7MAT42906-24	RF1: 868 MHz + RF2: 868 MHz, EnOcean
MMB-001-48LC	CSA23889MAT41402-24	RF1: 433 MHz + RF2: 868 MHz + LAN

Mediola connect App and Cloud

APP / CLOUD

Setup, configuration, usage, commissioning	mediola connect App for iOS and Android (included, free)	mediola OEM-App for iOS and Android (optional according to style guide)
Cloud-Service (Optional)	—	Remote access via OEM-Cloud
API		enables integration into the OEM's own (existing) app

All information provided without guarantee. All details regarding functionality are for informational purposes only. Typographical errors, mistakes, and changes are reserved. Images are for illustration purposes only.



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