



Mango Self-Declaration of Conformity

In accordance with Directive 2014/53/EU (RED) and EN 18031-1:2024 - Common Security Requirements for Radio Equipment

Declaration Information

Manufacturer / Applicant	8devices
Manufacturer Address	Žirnių g. 26D, LT-02119 Vilnius, Lithuania
Applicant Address	Antakalnio g. 17, LT-10312 Vilnius, Lithuania
Product Name	Mango
Model Number	Mango, Mango-I, Mango-DVK
Hardware Version	Mango, Mango-I, Mango-DVK
Firmware Version	v24.10-23611c
OS Version	OpenWrt/Linux
Assessment Standard	EN 18031-1 : 2024
Assessment Type	Common Security Evaluation for Radio Equipment
Testing Laboratory	Shenzhen EU Testing Laboratory Limited
Report Number	003-8DEV
Date of Test	2025-11-30
Overall Result	PASS
Issue Date (Declaration)	2025-12-01

Reference Test Results Summary (per EN 18031-1)

Clause Group	Description	Result
AUM	Authentication Mechanisms	PASS
SUM	Secure Update Mechanisms	PASS
SSM	Secure Storage Mechanisms	PASS
SCM	Secure Communication Mechanisms	PASS
RLM	Resilience Mechanisms	PASS
NMM	Network Monitoring Mechanisms	PASS
TCM	Traffic Control Mechanisms	PASS
CCK	Confidential Cryptographic Keys	PASS
GEC	General Equipment Capabilities	PASS / N/A
CRY	Cryptography	PASS

Core Assets (Annex A Reference)

Index	Asset Name	Expected Function
1	Network Management	Unified control and configuration of network connections, VPN, Wi-Fi management, DNS configuration, and hotspot security
2	Network Information	IP and MAC address identity, routing table, port status for security monitoring and fault diagnosis
3	Linux Kernel Firewall	Network traffic filtering and stateful inspection for system protection
4	Wi-Fi AP WPA Encryption Key	Wireless encryption to prevent unauthorized access
5	SSH Public/Private Key Pair	Encrypted authentication for remote management and configuration

Manufacturer Statement of Conformity

We, 8devices, hereby declare under our sole responsibility that the product identified above is in conformity with the essential requirements and other relevant provisions of Directive 2014/53/EU (RED), based on conformity assessment results obtained under EN 18031-1:2024.

Authorized Signatory

Name	Jonas Sabaliauskas
Position	CEO
Date	2025 December 11th
Signature	