



Technical data

DOMController

Supported Devices:

Management of all DOM ENiQ devices:

V1 (RF 868 / NFC from FW 2.7r3977 – FW V3.5r5937)

- ENiQ Pro V1 / ENiQ Guardian / ENiQ Guardian S
- ENiQ AccessManager V1 (compact, HiSec)
- ENiQ RF NetManager V1

V2 (BLE + NFC from FW 3.7r6530 up to FW 5.9r9720)

- ENiQ Pro V2 / ENiQ Guard / ENiQ Guard S / ENiQ LoQ
- ENiQ AccessManager V2 (compact, HiSec)
- ENiQ RF NetManager V2
- ENiQ DOM OSS Updater
- Up to 250 DOM ENiQ devices in any kind of operation mode

Supported Transponders:

- Mifare locking media
 - Mifare Classic
 - Mifare Desfire EV1, EV2, EV3
 - UID
 - OSS Credential ID (10 bytes)
 - EID: Credential ID coded on DESfire file or Classic sector

System hardware architecture:

Hummingboard Gate

- NXP i.MX 6 Single to Quad core Arm Cortex A9 up to 1GHz
- 8GB eMMC
- 4 x USB 2.0
- 1 x MIPI-CSI-2
- 1 x Ethernet RJ45 10/100/1000 (max 470 MB/s)
- HDMI

Power supply:

- 7V – 36V (included)

Dimensions:

- 120 x 80 x 30mm

Operating temperature:

- 0°C to 70°C

System software architecture:

DOM Controller (DOMConnect):

- Linux Debian 11
 - Apache v2.4.52
 - Inotify v3.22.1
 - Logrotate v3.19
 - Mariadb v10.6
 - Mysql v5.8
 - Openssl v3.0
 - PHP v7.4, v8.2
 - Python v3.10
 - Redis v6.0.16
- Latest DOMConnect version: 24.07.31r1535



Technical data

DOMController

Modes of operation:

AccessDataonDevice

- Wireless Online: Permission for Credential will be checked / approved at external Host system
- Whitelisting: up to 5.000 permissions stored and handled internally by the devices (failsafe)
- Online Whitelisting: direct synchronization via RFNetManager
- Offline Whitelisting: synchronization via DOMService App

AccessDataOnCard (FW ≥ V3.5)

- OSS: configuration of OSS data in the devices (SiteID, GroupID, DoorGroupIDs, UnlockTime, ToggleMode, ...)
- OSS options: See published OSS ELS Sheet from DOM

AccessDataOnMobile (FW ≥ V5.2):

- Devices bound to DOM/Tapkey cloud environment can be opened via DOM Key App (iOS/Android)
- Permission on Mobile including offline functionality
- Permission handling by Host SW

Linked tools:

- DOMPlay: configuration tool (actual v5.11.0.1685)
- DOMService App: Synchronization application via NFC or BLE (Android & iOS), latest v.1.4.0

Connectivity:

- Static IP / DHCP client
- DHCP server optional
- NTP synchronization
- SSL certificate customizable

API:

- REST API, actual version V27
- Data is exchanged via JSON
- OSS XML import/export available via DOMPlay



*All specifications correspond to the current development status.
We reserve the right to make technical changes at any time.*