



**Vodafone
MachineLink
4G Lite**

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Document history

Ver.	Document Description	Date
1.0	Initial document release	27 th August 2018
1.1	Updated for v2.0.83.0	27 th February 2019
1.2	Updated for v2.0.90.0	5 th August 2019
1.3	Updated for v2.0.98.0	15 th November 2019
1.4	Updated for v2.1.10.0	4 th February 2021

Release information

Item	Details
Product code	NWL-221 / NWL-222 / NWL-224
Router firmware version	2.1.10.0
Firmware file name	vdf_nwl220_2.1.10.0-signed.cdi MD5: 885DCEA70B1C22C6A171A853B2FA66EB
Firmware file size	67.3 MB
Date	4 th February 2021

v2.1.10.0

New features

- Data Profiles now support IPv6 and IPv4v6 PDP types
- Added an Intrusion Prevention System (IPS) firewall feature
- Added Serial port data status feature
- Added 'Site and location' feature
- Added a new set of LwM2M objects to the LwM2M client

Enhancements

- Fixed a LwM2M Queue mode update issue (TT#37761)
- Fixed an issue with sending PDP credentials (TT#39672)
- Improved the LwM2M client's functionality (TT#40782,40810,40811)
- Fixed an issue with "system.time.source" rdb variable reporting a blank value for network time source (TT#41365)
- Updated the PLMN list (TT#41534)
- Security enhancements (TT#s 41694, 40777, 40778, 39715)
- Cosmetic enhancements (TT#41428)

v2.0.98.0

Enhancements

- Improved the overall security of the device (TT #25134, TT #25137, TT #39029)
- Fixed a problem with the Ethernet port not connecting at 10Mbps (TT#39027)
- Added PADD functionality (TT#38773)
- Fixed an issue with LwM2M ID not being persistent (TT#38261)
- Cosmetic enhancements to web interface (TT# 24917, TT#39165, TT# 25194, TT# 24162, TT# 24165)
- Improved network and band selection behaviour (TT# 25671, TT# 25742, TT# 25190, TT# 25079, TT# 24166, TT# 24275)
- Added a 4G RSRP threshold field to the SIM Failover's *Switch from External /Internal SIM On Weak Signal* option. (TT# 25189)
- Improved Recovery mode functionality (TT# 24913, TT# 24915)
- Fixed issue where OTG external storage was not found. (TT# 24921)
- Added GEA1/ & 4 Ciphering algorithm's module command to firmware. (TT# 25000)

v2.0.90.0

Enhancements

- Improved the overall security of the device (TT# 25138)
- Added a unique default web interface password specific to each device (TT# 25139)
- Cosmetic enhancements to web interface (TT# 38594, 38611)

v2.0.83.0

Enhancements

- Improved network and band selection behaviour. (TT# 24918, TT# 25670)
- Cosmetic enhancements to web interface (TT# 25764)
- Special characters can be used in special APNs. (TT# 24223)