

Proxicast

LAN-Cell 3

Firmware Release Notes

Release 5.1.15

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September 21, 2012

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Version:

ProxiOS Version: 5.1.15

Supported Hardware Platforms:

Proxicast LAN-Cell 3 (LC3-52U)

Supported USB Modems:

Modems are listed by their original equipment manufacturer and model name. Model names used by cellular operators may be different. Refer to the label on the modem or the documentation to determine if your modem is a rebranded version of a supported device.

Many USB modems from the same manufacturer have similar interfaces – unlisted modems may also function in the LAN-Cell 3 but have not yet been verified.

3GO		CGU-628		E176G
	3GO11		CNU-680	E169U
Alcatel		D-Link		E170
	OT-X020		DWM-156	E172
	X220L		DWM-157	E1750
A-Link			DWR-510	E1762
	3GU	Dupont / Toshiba		E176G
AMOI			BC2703	E177
	H01/H01A		G450	E180
	H02	EpiValley		E182E
	U2000		SEC-8089	E219
AnyData		Huawei		E220
	ADU-500A		B970	E226
	ADU-510A		E122	E270
	ADU-520A		E1550	E353
Bandrich			E156	E367
	BandLuxe C120		E156G	E368
	BandLuxe C170		E160	E600
	BandLuxe C270		E160E	E612
	BandLuxe M300LC		E160G	E620
BenQ			E161	E660A
	U31		E169	E800
C-Motech			E1692	E960
	CDU-680		E169G	EC1260

	EC156		ICON 7.2		5250
	EC168C		GlobeSurfer HSUPA		Solomon
	EC169		GT Max 3.6		S3Gm-660
	ET168		Vodafone EasyBox		Sony Ericsson
	K1550		Vodafone K3760		MD300
	K3715		Pantech		MD400
	K3765		UM175		Toshiba
	K4505		UML290		G450
	K4511		Pro-Link		Vibo
	T1731		PHS100		D200
	Hummer		Qisda		WinBest
	DTM5731		H21		HSDC-02
	iSonic		Quanta		ZTE
	EDGE CARD		MDO 588		K3565-Z
	LG		Q101		MC2716
	LDU-1900D		Q110		MDC503UP
	Maxon		Q111		MDC505UP
	BP3		Q120		MDC525UP
	BP3-EXT		Samsung		MF620
	Neotel		i9000		MF622/MF622 v2
	NeoGo		GT-S8500		MF626
	Nokia		SGH-Z810		MF628
	CS-11		Sierra Wireless		MF628+
	CS-12		AirCard 312U		MF631
	CS-15		AirCard 313U		MF633
	Novatel Wireless		AirCard 330U		MF636
	MC930D		AirCard 595U		MF636+
	MC950D		AirCard 598U		MF637
	MC990D		AirCard 875U		MF638
	U679		AirCard 880U		MF668
	U727		AirCard 881U		MF668A
	U760		Compass 885		MF820
	U998		Compass 888		MH600HS
	USB551L		Compass 889		MU351
	Option		USB 305		
	ICON 210		USB 306		
	ICON 225		USB 308		
	ICON 401		Simcom		

Change History:

V5.1.15

- Added support for the Bell Canada variant of the Sierra Wireless AirCard U330 modem.
- Increased aggressiveness of USB connection watchdog to include full system restart after repeated lockup detection.
- Improved initial display of modem signal strength on boot-up.
- Fixed DNS Server issue with DHCP-enabled Wi-Fi Guest LAN clients.
- Fixed DHCP Server issue limiting number of assignable addresses.
- Exempt LAN-Cell management port from DMZ when changed from 8080.
- Persist interface status changes made via Status Panel buttons across system restarts.
- Prevent backup routes from taking precedence over user-defined static routes.
- Increased maximum size of log entries.
- Enable newly added Virtual Host rules by default.
- Fix display issue on VLAN screen.
- Changed Wi-Fi Client Mode wording on WAN interface status.

V5.1.10

- Added software watchdog feature for USB-modems to detect reinitialization failures and other lock-up conditions.
- Fixed issue where Scheduled Reboot was not occurring based on count-down timer.
- Fixed compatibility issue with some Atheros-based Wi-Fi access points.
- Increased security of httpd daemon.
- Added support for D-Link modem: DWM157
- Added support for Huawei modems: EC156, E353, E367, K4511, T1731
- Added support for Novatel modems: U679 (LTE), U998
- Added support for Sierra Wireless modems: 312U (HSPA+), 330U (LTE)
- Added support for ZTE modems: MC2716 and MF668/MF668A

V5.1.0

Initial release to manufacturing.

Known Issues:

1. Admin Password may not contain the \$ (or) characters.
2. Web Filtering is currently not operational.
3. When in WAN Wi-Fi Client mode, the new SSID is not used when target SSID is updated in the GUI. Reboot to use the new target SSID.

4. When connecting a LAN-Cell 3 which has a private WAN IP address (e.g. 10.x.x.x from Verizon's LTE APN "vzwinternet" or AT&T's APN "broadband") to a remote IPSec VPN server, you must explicitly specify the Phase 1 Local and Remote ID values on both VPN devices; otherwise, the LAN-Cell 3 will send its WAN IP address as the default Local ID – this will not match the incoming IP address of the packet on the remote VPN Server. IP Addresses as well as Strings (e.g. DNS, E-Mail) are supported for Phase 1 ID's. If the LAN-Cell 3 has a private WAN IP address, it must also initiate all VPN connections with the remote VPN Server (enable Connection Initiation on the VPN rule popup screen).