

4G DCP 2.0

Product Datasheet

Ensure your passengers' safety with the EN-81-28 compliant, upgraded 4G Digital Communication Platform (DCP).



The 4G DCP 2.0

Building on the success of our first 4G gateway and communication platform, the 4G DCP 2.0 introduces technology upgrades to help ensure you can take full advantage of your lift install base, with leading security and connectivity and monitoring via AVIRE Hub cloud solution.

FUTURE-PROOF YOUR LIFT EMERGENCY TELEPHONE

There are major network changes you should consider when deciding on the most appropriate lift emergency telephone.

- ✓ The switch from analogue PSTN to digital
- ✓ The planned phasing out/sunset of 2G services

Stay ahead of the curve with a solution capable of utilising 2G and 4G VoLTE for voice calling.

FULL-TIME CONNECTION

The 4G DCP 2.0 allows for full time connection to our cloud-based monitoring platform, the AVIRE Hub. Benefits include:

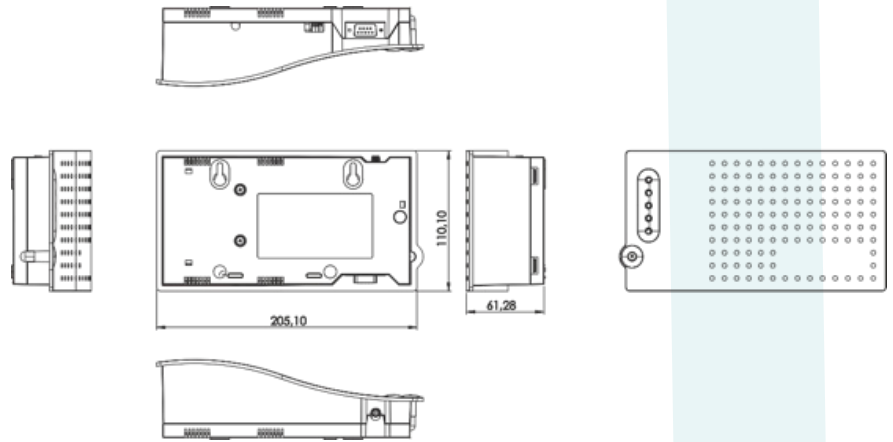
- ✓ Ensures the DCP stays connected and is accessible
- ✓ Real-time data is available via the AVIRE Hub when connected to the Lift Controller or complementary AVIRE MEMCO products such as the Navigation Box.

DATA ENCRYPTION FOR ENHANCED SECURITY

The 4G DCP 2.0 utilises Transport Layer Security (TLS), a more secure and performant security protocol. This helps ensure the encryption of all data traffic, safeguarding the device and your crucial data.

Included In The Box

- 4G DCP 2.0
- Installation Guide
- 4G antenna
- 220V connector
- PSTN connector
- Wall screws and plugs



4G DCP 2.0 Specification

Power Input	100/240Vac 50/60Hz
Consumption	7W
Internal Battery	12V/800mAh
Operating Temperature	0° - 45° C
IP Rating	IP21
Dimensions	205.1 x 110.1 x 61.28
Data Network	2G; 4G
Voice Calling	2G; 4G (VoLTE)
Interfaces	RJ-11 (PSTN); CAN; RS-232
SIM Slot	Single (2FF Standard)
Security	TLSv1.2, TLSv1.1, TLSv1.0
Messaging Protocol	MQTT

4G DCP 2.0 Ordering Information

AC-4CM10-611-F-20-000	DCP 845 RS232 EMEA
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Optional Accessories Ordering Information

AC-ATM00-050-0-00-000	Extension antenna (5m)
AC-ATM00-150-0-00-000	Extension antenna (15m)
453 211ML	MEMCOM Emergency Telephone
AC-PNB10-110-A-0L-000	PSTN Telephone MK852

EASE OF INSTALLATION

- Remote configuration via the AVIRE Hub, AVIRE mobile app or SMS
- Built-in signal strength tester for optimal lift shaft placement

COST EFFECTIVE SOLUTION

- Multiple remote configuration options reduce engineer time on-site
- Technical and configuration calls via the data network minimise voice call costs

BATTERY BACK-UP

- Built-in battery back-up allowing for up to 3hrs** of power in the event of a power outage

(*May vary depending on active voice calling and number of connected devices)

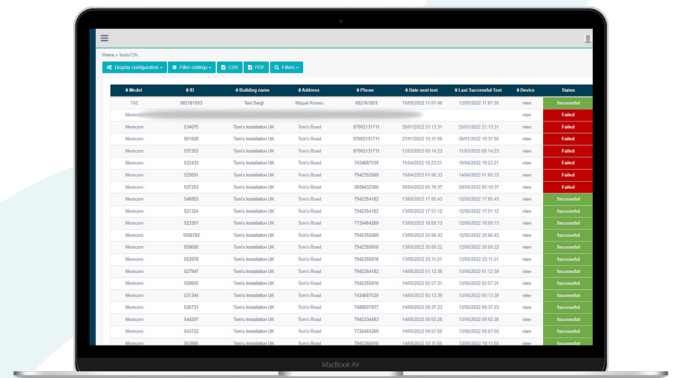
MONITORING FLEXIBILITY

- Monitoring and in-life configuration via the cloud-based AVIRE Hub management platform

Find out more about our AVIRE Hub:

[AVIRE HUB Lift Monitoring Software - Avire | UK](https://www.avire-global.com)

[avire-global.com](https://www.avire-global.com)



TECHNOLOGY FUTURE-PROOF

- The 4G DCP 2.0 includes the latest IoT (MQTT) and Security (TLS) protocols, ensuring device longevity and stability.

BACKWARDS COMPATIBILITY

The 4G DCP 2.0 is suitable for both digital phone solutions using a digital audio unit (DAU) and PSTN diallers, be it a MEMCO or other analogue phone. The improved DTMF to digital conversion and support for the P100 open messaging protocol helps ensure accurate transmission of battery level and 3-day test call data between the phone and the AVIRE Hub, for both monitoring and EN81-28 compliance.

