AVIRE

DCP
Digital Communication Platform

Product Datasheet

The Digital Communication Platform (DCP) provides an information gateway between all compatible connected devices in the lift shaft and our cloud based monitoring platform; the Avire Hub.

Maintenance companies working with a multi-brand and legacy lift portfolio are not typically able to offer customers a monitoring platform due to the difficulties associated with accessing information from the lift controller. In this situation, the DCP is the ideal solution as it acts as a controller independent gateway passing data in and out of the lift shaft.

The DCP is installed in the Machine Room and when connected to compatible devices, the data from this system can be hugely valuable to lift maintenance companies. The system can:

+ Monitor the behaviour of light curtains (e.g. no. of door cycles, blocked diodes, timed-out diodes)
+ Remotely test the lift to check status
+ Monitor time spent on site for maintenance
+ Remotely update firmware
+ Update display layouts remotely
+ Provide an EN81-28 compliant emergency communication

The device may also be used as a transparent gateway to transmit data directly from a lift controller to its compatible software.

The DCP is a unique and proven solution that enables lift maintenance companies to provide a more efficient and effective service for customers.

AVIRE HUB

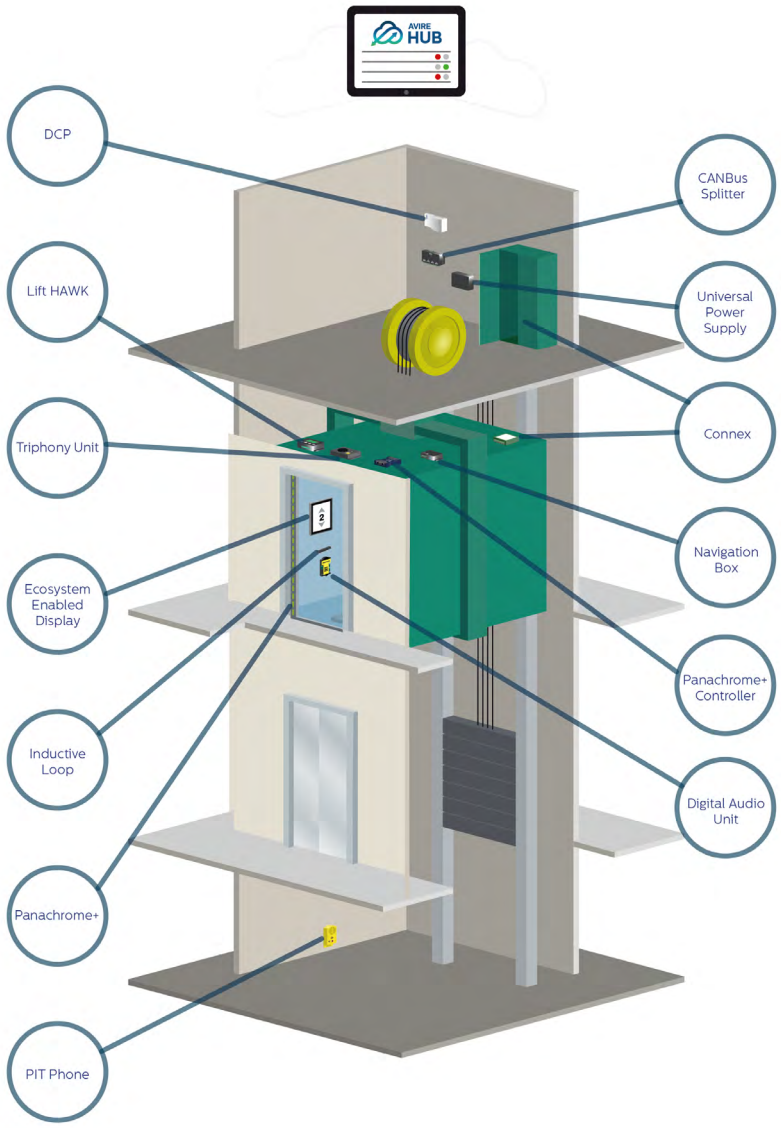
MK-CANBus

AVIRE M2M LIFT

Key Features

+ Configure and monitor devlces via MK CANBus using the Avire Hub:
    + Remotely test lifts using Lift HAWK devices
    + Monitor Panachrome+ light curtains
    + Easily and remotely update display layouts
    + Memco EN81-28 emergency telephone system
+ High audio quality over 400m cables
+ Integrated battery back-up
+ 2-wire CAN Bus connections to lift car and pit devices
+ CAN and RS-232 or RS-422/485 connections for direct connection to the existing lift controller

The Avire Ecosystem System Architecture



Ordering Information

Part	Description
MC-2CM10-100-F-20-000	Digital Communication Platform - GSM/ GPRS/2G/RS-232
MC-2CM10-100-F-40-000	Digital Communication Platform - GSM/ GPRS/2G/RS-422/485
MC-3CM10-100-F-20-000	Digital Communication Platform - GSM/ GPRS/3G/RS-232
MC-3CM10-100-F-40-000	Digital Communication Platform - GSM/ GPRS/3G/RS-422/485
AC-4CM10-610-F-20-000	Digital Communication Platform - GSM/ GPRS/4G/RS-232
AC-4CM10-710-F-40-000	Digital Communication Platform - GSM/ GPRS/4G/RS-485
AC-ATM00-101-0-00-000	10m Antenna
MC-ABV10-100-0-00-000	Universal Power Supply and Battery Backup
MC-ASM00-100-F-00-000	CAN Bus Splitter

DCP Specification

Parameter	Value
Power Supply	220 - 240 VAC
Consumption	1.8 to 10 VA
Internal Battery	12V, 600 mAh, 9 hr
Connections	CAN, RJ-11, RS-232 or RS-422/485
Networks	2G, 3G, 4G
Op. Temp.	-40 to +85 °C
Dimensions	210 x 110 x 65 mm

For communications accessories please see the Emergency Communication System datasheet

As a result of our policy of continual improvement, the information in this document is subject to change without notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

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