

# *RM Display Solutions*



**RM MICHAELIDES  
SOFTWARE & ELEKTRONIK**

[www.rmcan.com](http://www.rmcan.com)



# Sophisticated CAN Displays

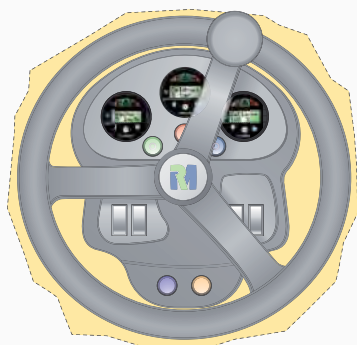
8x2  
MATRIX



8x2  
MATRIX  
DISPLAY  
CAN

## RM Display 1001

- Monochrome LCD display with CAN connection
- Compact, round enclosure
- Ideal for OEM variants



A CAN-based OEM gauge cluster

- Displaying several values using one display
- Integrated LED alarm functions with buzzer
- Ideal for limited space, especially for cockpits
- 62 mm Industry-standard outer diameter

The RM display 1001 is a compact circular display which can be fitted easily to any CAN-based vehicle or machine. Its standard size makes it ideal for applications with limited space. In addition to configuring all CAN messages and the 2-line scrolling display, users can easily design the menu structure, button-press operation, the 3 LED indicator lamp operation and built-in buzzer.



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DISPLAY  
CAN

## RM Display 1102

- Monochrome graphic display
- Additional LED indicators
- Customer-specific membrane keyboard

RM Display 1102 has a 2.5" graphic screen for universal deployment in industrial and mobile areas. It features eight keys for easy operation and six additional color LEDs to signal special states. With RM Display 1102, one can easily control electric functions in machines, units, and construction machinery.



Application example

The rugged design of the RM Display 1102 and keypad makes it ideal for use in the construction and materials handling industries. Full backlighting, key-based LED indicators and 6 additional icon-based LED indicators allow for operation at night. An "open C interface" enables customers to add their own control algorithms to the firmware.



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## RM Display 1401 S01/S02

- Monochrome FSTN display
- Excellent viewability due to transreflective technology
- Wide power supply range

RM Display 1401 S01/S02 has a 5.7" FSTN screen. Its compact standard enclosure features a 4 mm thick, anti-reflective screen which effectively protects the display.

The S01 variant has a rear panel made of chromated metal and is ideally suited as an OEM variant.



S01 version

The S02 variant is a fully enclosed, self-contained variant with a rear panel made of PA6 plastic for a higher degree of protection. It is widely used as a hand-held unit.



S02 version

RM Display 1401 features 4 keys and a digital incremental potentiometer ("jog-dial") to facilitate entering or modifying data. In addition to easy configuration of the CAN messages, screens and key operation, a Developer's Kit enables customers to add their own algorithms to the firmware.

Have a look at our complete product range at

[www.rmcan.com](http://www.rmcan.com)



The function and design of our displays can be changed according to your requirements.

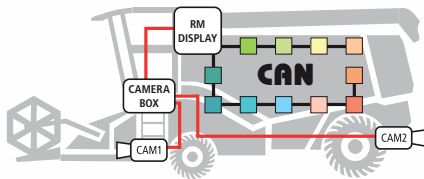


### RM Display Color 2401/2403

- TFT color display modules
- Simultaneous video and graphical element
- Robust hardware for multi-camera applications

#### Mobile application

RM Display Color 2401/2403 are universally-configurable color display modules with 5" TFT displays. Eight keys and a push-button incremental potentiometer facilitate entering or modifying data and quick view changes.



A harvester with backup and blind-spot cameras.

In conjunction with the Camera-Box 0401, they are often used to show up to 4 different camera views. In addition to cameras and CAN, the RM Display Color 2403 has 3 analog inputs and 2 digital outputs.

#### CameraBox 0401

Connects up to 4 cameras, supports PAL and NTSC formats, optional camera-signal processing

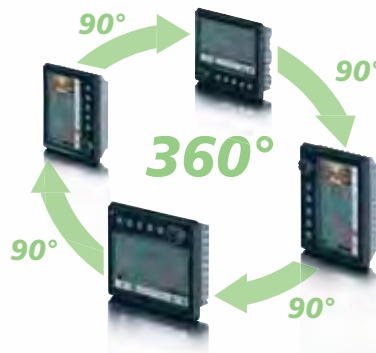


For all RM displays with a video function



### RM Display Color 2501/2503

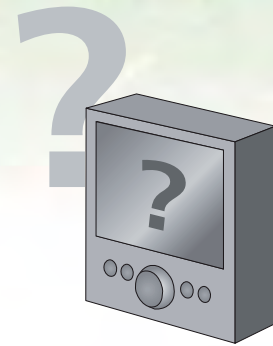
- TFT color displays with transfective technology
- 16:9 widescreen format
- Mount in all 4 orthogonal orientations



4 possible mounting positions

#### High resolution

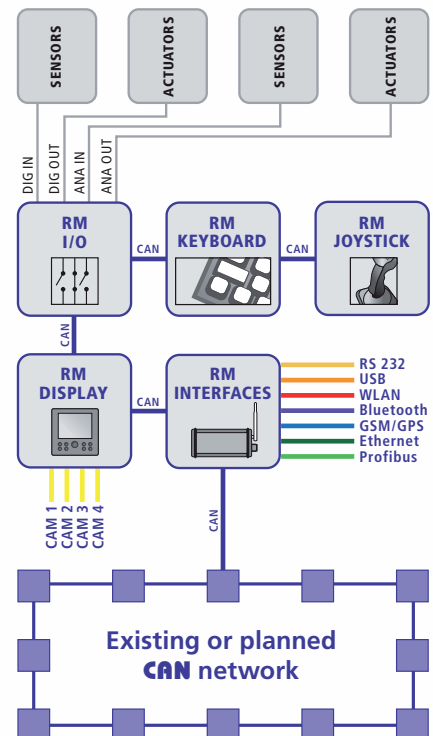
The RM Display Color 2501/2503 are universally-configurable color display modules with 6.5" TFT displays and a resolution of 400 x 240 pixels. The transfective technology and a display with a 16:9 format guarantee outstanding read-ability and excellent display possibilities. In addition to cameras and CAN, the RM Display Color 2503 has 3 analog inputs and 2 digital outputs.



### Customized Displays

- We produce displays according to your requirements
- Equip your display with your logo
- Benefit from our longterm experience with the automotive industry

#### Complete control and operating units by RM



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Combine RM devices with **PROEMION** to create a unique fleet management system!

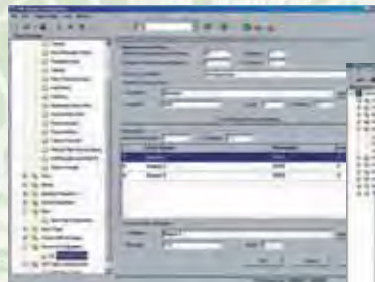
[www.proemion.com](http://www.proemion.com)

# RM Display Configurator

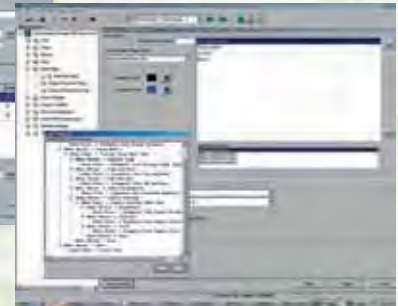
Software to design and configure RM displays

## Menu structure

- Easily create interactive menu structures
- Arrange menus, sub menus, and individual menu items as needed
- Create password-protected menus



Freely created menus



Create menus as needed



RM Font Maker

Design fonts as needed

## Fonts

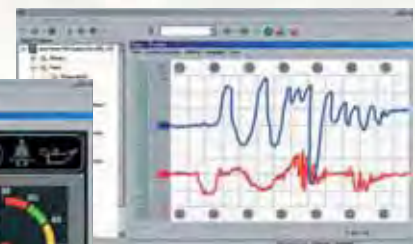
- Virtually any font to be modified on the screen
- Use Windows® fonts, customer-specific fonts, or entirely new fonts
- Supports both ASCII and Unicode
- Easily create multilingual application interfaces

## Views

- Strip Chart plots with animation
- Use text elements, bitmaps, bar diagrams, pointer instruments, animations, geometric figures, and numeric representations
- Superimpose video clips
- Every view with its own softkey settings



Design screen views using different elements



Multi-channel strip charts

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A STEP AHEAD.