



**MUIR MATHESON**  
WEATHER MONITORING

# OMC-138 Wind Display

The OMC138 digital wind display is a combined display for wind speed and wind direction. The display is suitable for panel mounting but an option for table top is available - allows any inclination and no additional control units are required. Wind direction is indicated within a double LED circle. Each wind rose circle consists of 36 LED's for average direction and wind variation - the three digit numerical display indicates the wind speed and the second numerical display provides maximum or minimum wind speed information.

The menu button allows the user to change the averaging interval, wind display units and brightness. The unit is primarily intended for use with Obsermet wind sensors, but other, common sensors can be interfaced to the display.



## Manufacturer

Observator

## Data Summary Display

Double LED circle with 36 LED's  
One 3 digit red LED display SIZE 14.3mm height  
One 3 digit red LED display SIZE 10mm height

## Wind information display

m/s, km/h, mph or Beaufort

## Power Requirements

230 VAC, 115VAC, 24VDC

## Inputs

1 digital pulse input, 1 analogue input, 1 RS422 or current loop input

## Operating Environment

-30.....+60°C (Operating Temperature)

IP40 (Moisture Protection)  
5...90% (Humidity)  
EMC EN 50081-1 class B, EN 50082-2

## Dimensions

144x144x94mm standard DIN size

## Maximum panel thickness

8mm

## Weight

800g

## Options

OMC 127  
OMC 128  
OMC 129  
Analogue outputs 4-20mA or 0-1Vdc  
Digital outputs RS232 or RS422  
Remote brightness control  
Table top housing with bracket

## Muir Matheson Ltd

Aberlan House, Woodburn Road,  
Blackburn Industrial Estate,  
Aberdeen  
AB21 0RX  
UNITED KINGDOM  
T: +44 (0) 1224 791222  
F: +44 (0) 1224 791555  
E: [Sales@muir-matheson.com](mailto:Sales@muir-matheson.com)