LA SEMAFORICA

TECSEN

Weather-SMacs®

Weather Sensors Station

WHAT IS WEATHER-SMacs®?

Weather-SMacs® is a multi sensors Station with a wide Touch display 5.7", worry-free reliability and simple integration. Accurate in all weather conditions, Weather-SMacs® is virtually maintenance free, and is easy and safe to install without traffic disruptions or lane closures. Weather-SMacs® is an ideal, cost-effective solution for all the Meteo detection applications, and can be integrated in temporary application or in stationary detection Systems.
It can be integrated with the solutions: "Frost-SMacs®" The Active Road Sensor Station, "Fog-SMacs®" The Visibility Sensor Station, "Meteo-SMacs®" The Multi Sensors Station (Temp-Hum-Bar-Wind-Rain).

BENEFITS

- Highest accuracy measurements
- Professional instrument
- Delivered ready for installation with mounting brackets
- Waterproof IP65
- Large Touch Display Color 5.7 " with user-friendly interface
- Configured and interfaced to SMacs®
- Installation above ground
- No maintenance required

RELIABLE AND EFFICIENT

- Wide Temperature range: from -40 up to +75 ° C
- Dust proof, and resistant to heat, intense cold, moisture

REAL TIME SENDING OF EACH DETECTION

- Through GPRS Modem

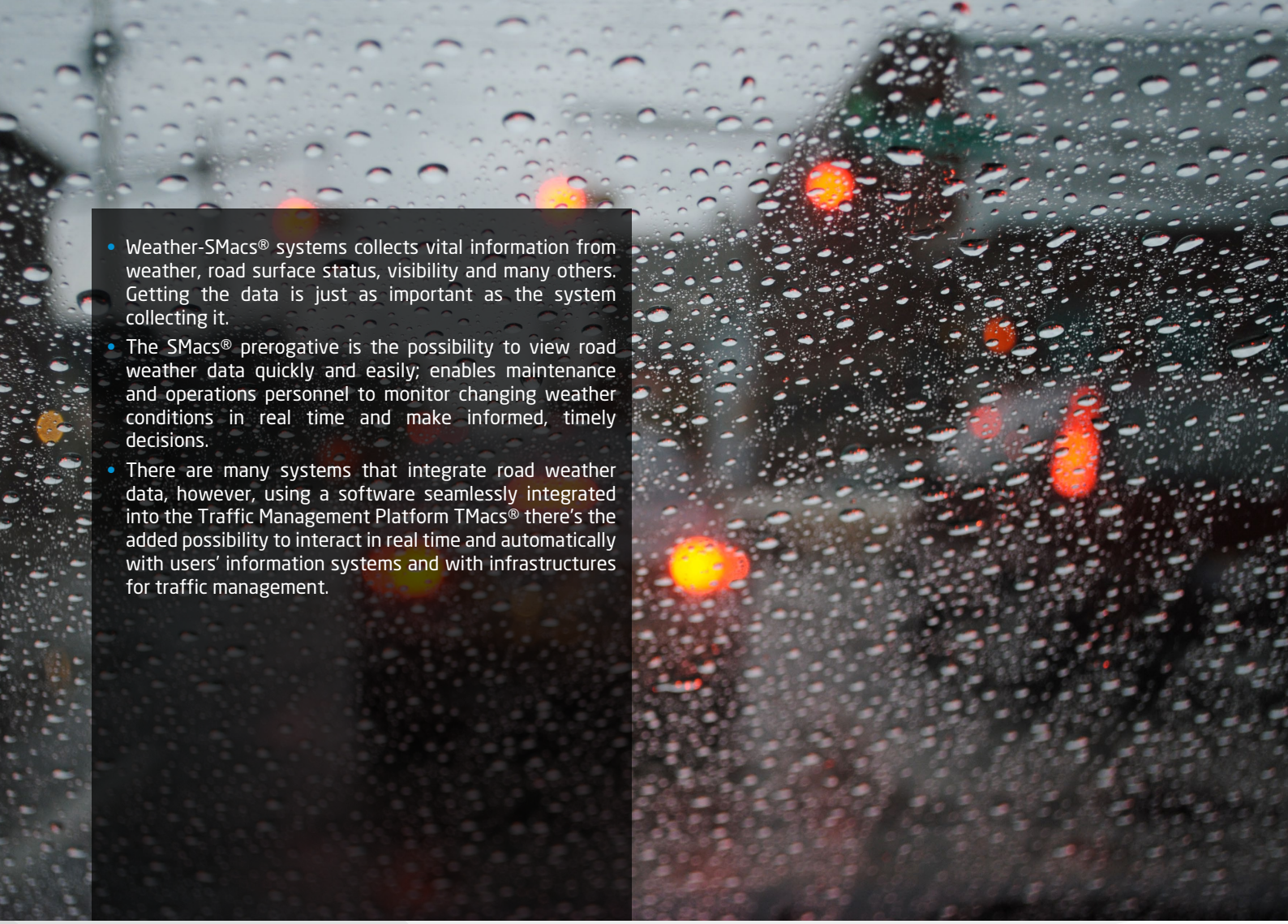
REMOTE CONTROL AND ALERTING

- Through the SMacs® Platform you can manage your data and be alerted in real time to the occurrence of any critical condition

FEATURES

- Watertight, crushproof, and dust proof for outdoor installation
- Dim. 20.8 x 14.4 x 9.2 cm weight 2 kg
- Revolutionary, with large 5.7-Inch color TFT LCD display with high brightness and contrast
- Touch-screen display for intuitive graphical programming
- Linux, open architecture real-time multi-tasking operating system
- Core Freescale™ i.MX6Q/D • Dual Cortex-A9 @ 1 GHz

In order to offer the best possible service, La Semaforica and Tecsen reserve the right to modify at any moment and without any warning the features of the products described in this document. This document has the only purpose of illustrating the products. If you need detailed technical data, please do not hesitate to contact us.



- Weather-SMacs® systems collects vital information from weather, road surface status, visibility and many others. Getting the data is just as important as the system collecting it.
- The SMacs® prerogative is the possibility to view road weather data quickly and easily; enables maintenance and operations personnel to monitor changing weather conditions in real time and make informed, timely decisions.
- There are many systems that integrate road weather data, however, using a software seamlessly integrated into the Traffic Management Platform TMacs® there's the added possibility to interact in real time and automatically with users' information systems and with infrastructures for traffic management.

WEB ACCESS

Credentials to access to the web portal SMacs® with informations available for both the manager and for the ordinary citizen.

ALERT SYSTEM

Real Time alert at specific thresholds.

DATA STORAGE

Free access to the database to obtain the temporal trend of the monitored data for statistical purposes.

SYSTEM WIDENING

Possibility of integration with other modules and/or sensors maintaining the same platform

FULLY INTEGRATED WITH:

- "Frost-SMacs®" The Active Road Sensor Station.
- "Fog-SMacs®" The Visibility sensor Station.
- "Meteo-SMacs®" The Multi Sensors Station (Temp-Hum-Bar-Wind-Rain).

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