

# EnviScreen

## Master Module



### **Key Component of EnviScreen System**

The Master Module enables novel networking solutions and reliable data communication for safety and monitoring systems. Intelligent Master Module collects data from sensors and adapts it into TCP/IP network. It also makes event logs and sensor data files.

### **Enables Network of Various Sensors**

With Master Module it is easy to build up detection and monitoring systems, such as CBRN (chemical, biological, nuclear and radiological) monitoring systems and environmental monitoring systems. Master Module adapts sensor data from wide range of different sensors and devices enabling both wireless and fixed solutions.

### **Integrates and Optimizes**

Master Module is equipped with versatile connection capabilities that reduces and optimizes the requirements for not only cabling but also the capacity of data communication system.

### **Ensures the System Reliability**

High level redundancy and reliability are required in safety systems. Master Module guarantees the reliable operation of the EnviScreen system under any unstable conditions. Additionally, the data communication can be secured by encryption.

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## Master Module

### Technical Data

#### Size (H x W x D)

270 mm x 360 mm x 110 mm

10.7" x 14.2" x 4.4"

#### Weight

6,5 kg (14,4 lbs)

#### Power

110...250 VAC (50-60Hz) or

10...32 VDC Adaptor & Battery Backup

#### Operating Temperature:

-30 to +55 °C

-22 to +131°F

#### Storage Temperature:

-40 to +70 °C (Recommended 0 to +40°C)

-40 to +158°F (Recommended 32 to +104°F)

#### Protection Class:

IP65

### Applications

- Building Safety Systems
- Subway Safety Systems
- Naval Applications
- Recon & Monitoring Vehicles
- Indoor Air Monitoring
- Area Monitoring Systems
- Chemical Warehouse Safety Monitoring

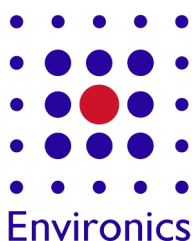
### RS485/422 Data Interface enables:

- ChemProFX Chemical Detectors
- ChemPro100 Chemical Detectors
- M90 CWA Detectors
- Bio100 Biological Detectors
- Meteorological Sensors
- Air Flow Sensors
- Radiation/Nuclear Detectors

### Optional Features

- Wireless and Local Area Networking (WLAN) Communication
- Multiple Digital and Analog I/O Connection
- Relay Outputs
- CCTV Connection
- Back-Up Power

*Time does matter. We are ready for that.*



#### Environics Oy

P.O. Box 349

FI-50101 Mikkeli

Finland

Tel: +358 201 430 430

Fax: +358 201 430 440

E-mail: [sales@environics.fi](mailto:sales@environics.fi)

[www.environics.fi](http://www.environics.fi)

#### Environics USA, Inc.

4401 Eastport Parkway

Port Orange, FL 32127

USA

Tel: +1 386 304 5252

Fax: +1 386 304 5251

E-mail: [sales@environicsusa.com](mailto:sales@environicsusa.com)

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