



## Description of the project:

Supply and installation of **16 automatic – telemetric Rain – Snow recorders**. The network has been installed in Sofia city for the **SOFIYSKA VODA** (water supply and sewage management company of Sofia).

The new network is supplementary and partly replaces the old rain recorders network that this company had.

## Details:

All the stations are compact and extremely durable. Their installation was made into private places. For this reason, a method of fastening by simple mounting and heavy duty metal construction has been used. Neither drilling nor shoring has been used.



## BRIEFLY

**Title** : *Telemetric measuring network for rainfall data*

**Place** : *In whole Sofia*

**Period** : *February 2014*

## PROJECT ADMINISTRATOR

**Sofiyska Voda**

*Sofia - Bulgaria*

## Important !

*One of the biggest and most modern rainfall networks in Europe*

## Simultaneous Application of the most modern technologies:

Our company combined the most modern technologies of the most reliable manufacturers:

- DELTA-OHM:** Heated Rain Gauge for the measuring of rain and snow
- SYMMETRON:** GPRS telemetric data logger
- SCIENTACT AE:** Power supply system with solar panels, mechanic fastening and protection

## Stations configuration:



RAIN GAUGE	
Constructing material	Aluminum
Resolution	0.2 mm
Heating system	Yes
Leveling system	Yes
Filter	Yes
Bird protection	Yes
Collecting surface	400cm <sup>2</sup>
Sensor type	Tipping Bucket

Data logger	
GPRS	Built in
Display	Yes
Analogue inputs	7
Digital inputs	1
Spare battery	Yes
Connection with PC	Yes
Email transmission	Yes
SIM input	Yes



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