

BAUR SA

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Sensor unit "CF3.200"

Description

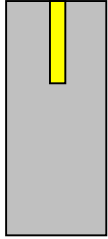
- Radio or cable controlled system.
- Different types of sensors can be connected (Infrared, pressure sensitive device, optical barrier, etc.).
- Up to 6 sensors can be connected simultaneously to each sensor unit.
- Sensor unit can be reset from a remote site by radio (individual sensor or global reset can be performed).
- Modular and highly rugged design (IP65).
- Sensor unit is powered by a Nickel-Cadmium (NiCad) rechargeable battery (similar to the one used for the target device).
- Sensor unit is remote controlled by radio:
 - Data are transmitted by radio in the "sender/receiver mode".
- Each sensor unit is identified by a unique address.
- Specific sensor unit parameters (which target will react to a sensor signal, type of reaction, etc.) can be modified by software (PC based).
- Programmed parameters are retained even when the sensor unit is not powered by a battery. Easy to use configuration software allows parameters definition.
- Sensor unit are equipped with a special cartridge (silica gel) to prevent condensation.



Infrared passive movement detector



Radio or cable transmission of target commands



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Technical specifications

- **Size L x W x H (mm)** 340 x 310 x 160 mm
 - **Weight (kg)**

Sensor unit	7.6 kg
Sensor unit with battery	11.1 kg
 - **Power supply** Battery NiCd 12V/7Ah
 - **Protection grade** IP 65
 - **Temperature range**

Operating	-20 °C to + 60 °C
Storage	-35 °C to + 75 °C
 - **Mechanical specifications**

1 to 6 sensors can be connected
Stackable
Sensors are connected by cable to the sensor unit
 - **Construction**

Aluminium cast
Electronic components are shielded within specially treated containers (Iridit)
 - **Electrical specifications**

Microprocessor control
Auto test at power on
 - **Module radio**

Sender and receiver

 - Frequency range

VHF	136 – 174 MHz (2.00 m band)
UHF	403 – 470 MHz (0.70 m band)
 - Power
Other frequency ranges available on request
1.0 to 5.0 W
 - **Parameters** Sensor unit ID, frequency, setup software
 - **Sensor unit / target** Targets to be controlled by one or more sensors can be programmed (PC based). Transmit delay, command type, etc. can be programmed as well.
 - **Connectors** Current loop, connector for peripherals, connector for sensors (IR, pressure, optical barrier, etc.)
 - **Reliability test** Vibration, shock, temperature, wind, sand, watertight, EMC.
 - **Duration of life** Our products are designed to be used for 25 years.
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