

Brief Description
UV LOG USB und UV LOG 485

UV LOG USB UV LOG 485



Brief Description

1 Features

- *Precise portable UV meter*
- *Measurement of intensity and dose*
- *Automatic identification of AC and DC lamps*
- *Wide dynamic range (> 5 decades)*
- *Fast signal capture (up to 2 kHz)*
- *Different sensors connectable
with automatic sensor identification*
- *Configurable measurement methods*
- *Communication via USB or RS485*
- *Integrated clock*
- *Integrated temperature sensor*

Optimal measurement device for quality control

- *Internal data storage up to 4000 measurement dates*
- *Traceability through recording of all quality relevant measurement dates with
date/time, temperature and meter settings*
- *Calibration on up to three UV lamps*
- *PC control via USB or IO interface*
- *PC software with graphical representation*
- *Command interface*
- *Connection for external trigger*

2 Technical Data

Power Supply	Via USB or optional External Voltage (+24V DC)
Power Consumption (without detector)	USB: approx. 200 mA External 24V: 50 mA
Storage Condition	
Temperature	-20 .. 70°C
Rel. humidity (not condensating)	≤ 70 %
Air Pressure	300-1060 hPa
Operating Conditions	
Temperature	10°C .. 50°C
Rel. humidity (not condensating)	≤ 70 %
Air Pressure	300-1060 hPa
Degree of Protection	IP52
Housing Material	Aluminium
Dimensions LxBxH	86 x 86 x 36 in mm
Weight	180g at 1-Kanal 190g at 4-Kanal
Interface	USB or RS485
Inputs (Triggerung)	5V DC - 24V DC Level
Outputs	5V DC oder 24V DC Level (depends on external voltage)
Sensor Connector	8-pin M8 Connector
Sensor Inputs	Voltage 0..4V
Input Impedance	7 kΩ
Measurement Range	Voltage 0..4V positiv
Mistake uncalibrated	1% FS (0°C .. 50°C)
calibrated	0.5% FS (0°C .. 50°C)
Measurement Storage	4000 Dates
Measuring	Continious, Triggered, Interval 1s – 100000s
Displayed Temperature - Meter	±2°C Absolute, ±1% Variation
Displayed Temperature - Sensor	±0.5°C Absolute, ±1% Variation