SD1-CC2

A smart connected dual sensor smoke
and carbon monoxide alarm.

Take the safety and comfort of your home to the next level!

Dual LED optical smoke sensor	Carbon monoxide sensor	Humidity sensor	Air quality sensor
Built-in IoT modem for easy integration	Can be used with alarm or mobile alert systems	Up to 10 years without maintenance	Can be powered by battery or AC

For security companies, fire fighters or end users

SD1-CC2 is a smart device that includes state-of-the-art dual LED optical smoke sensor, a carbon monoxide sensor, air quality sensor and a built-in CAT-M/NB2 modem for use with CoAP protocol (with DTLS encryption) for integrating with alarm systems or mobile alerts.

The optical smoke sensor is based on modern, patented smoke detecting algorithms with the lowest possible false alarm rates. The CAT-M/NB2 modem with the option to use an eSIM or a nano-sim allows you to setup mobile alerts for your smartphone, a security company or the firefighters.

Dimensions of the device are 88 x 88 x 29.5 mm

MikroTik SD1-CC2 – smart safety for your home without compromise.

SD1-CC2 also helps you keep the home comfortable and safe by measuring the air quality. Poor air quality can cause headaches, low energy and even a variety of health problems, so knowing what exactly is going on can be extremely valuable. Carbon monoxide has no smell or taste, and it can't be seen, so having a reliable sensor for this deadly, silent gas is a must! The carbon monoxide sensor in SD1-CC2 will serve you for 10 years without maintenance. SD1-CC2 will warn you as soon as the air quality drops, so you can always stay safe, healthy and energized!

Its sleek, compact and unobtrusive design will look just right in any interior.
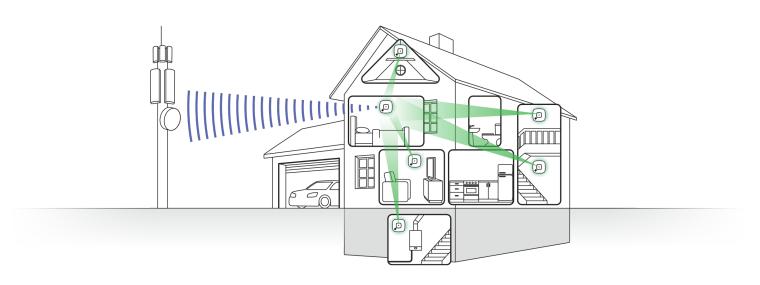
Features

	SD1-CC2	SD1-C	SD1
Smoke detector	✓	✓	✓
Carbon monoxide (CO) detector	✓	✓	x
Air quality monitoring sensor	✓	x	x
LPWA IoT modem	✓	x	x
Wireless interconnection	✓	✓	✓
Temperature sensor	✓	✓	✓
Humidity sensor	✓	✓	✓
CR123A battery powered	✓	✓	✓
Optional AC base compatible	✓	✓	✓

LPWA IoT modem specifications

Cat M1 LTE (FDD) bands:	B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26/B27/B28/B66/B85
Cat NB2 LTE (FDD) bands:	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/B71/B85

SD1 is EN 14604:2005/AC:2008 certified, but SD1-CC2 and SD1-C are EN 14604:2005/AC:2008 and EN 50291-1:2018 certified. The unit comes with a replaceable lithium battery with up to 5 year lifetime (depends on reporting interval), but there is an optional AC power supply base with 2 relay outputs for ventilation or other auxiliary equipment control available. SD1-CC2 also features wireless interconnectivity for installing multiple alarms in one house hold easily.