SAFEHOUSE HABITATS
STARN GROUP

REMOTE GAS SENSOR (RGS)

DESCRIPTION

The remote gas sensor (RGS) allows remote monitoring of various gases. Commonly, flammable gases are detected for at 10% lower explosive limit (LEL).

Detection in the area surrounding the habitat allows early warning of a potentially explosive atmosphere. The most common gases that are detected for are methane, hydrogen sulphide and oxygen, however the remote gas sensor can be tailored to accommodate alternative gas detection requirements.

KEY FEATURES

DETECTS GAS

EARLY WARNING DUE TO AREA DETECTION

EASILY ADJUSTED TO SPECIFIC GAS

EASILY POSITIONED

COMPATIBLE EQUIPMENT

GSM – GAS SENSING MODULE

MSM – MULTI-SENSING MODULE

TECHNICAL SPECIFICATION

CERTIFICATION	ATEX Cert: Baseefa10ATEX0087X Ex II 2G Ex de ia m IIB T4 Gb (Tamb -20°C to +50°C)
OPERATING TEMPERATURE	-20°C to +50°C
DIMENSIONS (L X W X H)	30cm x 30cm x 40cm
WEIGHT	10kg
INPUT VOLTAGE	24VDC Powered by GSM Mk4-5 / MSM
POWER CONSUMPTION	Powered by GSM/MSM 3.5W max
POWER CABLE LENGTH	5-20m
DETECTION RANGE*	0-100% LEL Methane
ALARM LEVELS*	10% LEL Methane
POWER CONSUMPTION	Negligible

* Other levels and gases available on request

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