

THE MULTICHANNEL GAS DETECTION SYSTEM WITH A TOUCHSCREEN.

The Touchpoint Plus control panel takes your gas detection experience to a whole new level.

It is an easily configurable, wall-mounted control system that supports up to 16 gas detection channels. Its modular design enables you to take control and configure what you need for a wide range of applications.

With its easy-to-use touchscreen, you can see the status of your detection system at a glance, maximizing your decision-making time.



TECHNICAL DATA

▶ Size	16.8 x 11.8 x 6.1 in. / 42.6 x 30.0 x 15.6 cm
▶ Weight	Max 18.7 lb (8.5 kg), max (17 kg) with expansion unit
▶ Protection Class	IP65 and NEMA 4X
▶ Display	7" colour LCD touchscreen. Graphic User Interface
▶ Visual indicators	3 LEDs for master indicators. LED for each channel. Green: Normal; Yellow: Fault; Inhibit; Red: Alarm
▶ Button	Common for reset/mute operation
▶ Data logging	Configuration, logged events and data
▶ Digital output	no
▶ Communication	MODBUS TCP, WEB monitoring and MODBUS RTU
▶ Temperature	14°F to +131°F / -10°C to +55°C
▶ Humidity	up to 95% RH (non-condensing)
▶ Power supply	110/220VAC, 50-60Hz Manual switching
▶ Power supply DC	18 to 32 VDC (±10%) Typical 24VDC
▶ Power consumption	Max 105W (including detector and external devices), max 210W with expansion unit
▶ Backup Battery	R22.2V Lithium Ion Battery, 2600mAh capacity (>30 minutes for typical system)
▶ Approvals	EMC/RFI (EN 50270:2015) SIL2 EN 50271:2010 IEC 61508:2010 Ed.2 SIL2, EN 50271:2010 Class I, Division 2, Group A, B, C and D or non-hazardous only

FEATURES

INPUT SPECIFICATIONS

Available lines: up to 16 channels with the expansion unit
Two- or three-wire system

Nominal voltage: 18 to 32V DC (±10 %) Typical 24V DC

Max. total current for the lines: 2.4A for the base unit + 2.4A for the extension unit

Analogue outputs: up to eight isolated repeated mA outputs, 0-22mA, 0-100% FSD = 4-20mA

ALARMS

Relays: main module has three relays (30V DC or 250V AC, both at 1.7A). Up to 24 user-configurable relay output channels (optional)

Alarms per channel: three alarm levels + Fault

Programming: user-configurable (energized/de-energized, latching/non-latching, time delay)
NO/C/NC changeover

DID YOU KNOW ?



The Touchpoint plus wireless control unit is compatible with the Rigrat beacon.

TOUCHPOINT PLUS WIRELESS

Frequency range:
868 to 868.6 MHz, 902 to 928 MHz

Radio channels:
Frequency band has 11 available channels depending on region

Transmission range:
Up to 300 meters line of sight

Receiver sensitivity:
-100dBm at 1% packet error rate for a 20-byte payload

