

CROWCON

TECHNICAL NOTE

DOCUMENT REFERENCE	GEN126
DOCUMENT APPLIES TO	All Detective+ variants
RELEASE DATE	13 th October 2025
SUBJECT	Obsolescence Notice: Detective+



Crowcon's Detective+ has protected thousands of workers after being in the market for nearly 20 years. It is now superseded by the [DetectiveIQ](#) which is available to pre-order and is expected to start shipping November 2025.

Last orders for Detective+ will be processed on 28th November 2025.

Spares and support will remain available for 5 years or until parts and components can no longer be sourced from suppliers. More information on the DetectiveIQ is below, with a comparison table on the next page.

DETECTIVEIQ

The Detective+ is succeeded by the DetectiveIQ, a user-friendly device designed for the latest use cases:

- **Unmatched battery life:** Up to 15 weeks of runtime on a single charge, with quick recharging in just 8 hours, ensuring minimal downtime and maximum safety.
- **Real-time gas detection:** Simultaneously detect up to 7 gases in real time with fast T90 response times of <20s for key gases. Interchangeable gas sensor

slots support electrochemical, PID, IR, MPS pellistor and long-life O2 sensors.

- **Flexible monitoring and extended sampling:** Ideal for perimeter monitoring and temporary worksites. Support fence line deployment with up to 25 interconnected devices and optional pumped module for gas sampling up to 30m (100ft).
- **Wide-area alarm passing:** DetectiveIQ's built-in alarm passing uses Bluetooth mesh technology to connect up to 250 devices across 10 groups. Each group of 25 devices covers up to 2.5km ensuring seamless communication and wide-area hazard protection.
- **Compliance made easy:** Connect effortlessly to Crowcon Connect for centralised fleet management. Effortlessly store and retrieve calibration certificates to simplify audits and ensure regulatory compliance.
- **Modern, user friendly interface:** DetectiveIQ's modern user-friendly interface delivers real-time gas readings with clear colour coded alerts and simple 3 button operation.
- **Built to endure – and floats:** rated IP66 and IP68 for water and dust resistance inside a double-housing enclosure for impact resistance
- **Easy servicing:** DetectiveIQ simplifies servicing with minimal parts and screws, making it easy to replace the outer casing, boot and handles. The push-in, pull-out sensor tray ensure quick maintenance and reduces downtime.
- **Latest certification:** Certified for explosive atmospheres: ATEX / IECEx Zone 0, CSA Class 1 Div 1 and Ordinary Location Class 4, making it suitable for all areas inside and out.

A comparison table is on the next pages for reference.

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		DETECTIVE+	DETECTIVEIQ
			
Maximum number gases detected simultaneously		4	7
Modular sensor tray		x	✓
Sensor technologies	Pellistor, electrochemical, IR	✓	✓
	Long life O2 (lead free), PID, MPS	x	✓
Weight (kg)		7.5	8.1
Operating hours (config dependant)		Up to 60 hours (2.5 days)	101+ days
Operating temperatures		-20°C to +50°C (-4°F to 122°F)	-20°C to +45°C (-4°F to 131°F)
Humidity		10 to 95% RH+	0-95% RH
IP rating		IP65	IP66 and IP68
Colour display		No	Yes
Sampling pump, distance		Configurable, 30m 100ft	Configurable, 30m 100ft, activated via flow plate.
Gases		Large variety	Standard 4 + CO2 and VoCs. Flam sensor options pellistor, IR, MPS Phase 1 sensor options ~85% of market
Alarm notifications		108dB at 1m, three red blue LED clusters	97dB at 30cm, front and rear red yellow green LED light bars, graphical and colour display per channel.
Alarms and faults		Alarms for LTEL, STEL, low and high alarm & Low battery	Alarms for LTEL, STEL, low and high alarm & system faults such as low battery, pump faults and sensor errors.
TWA Resume		No	Yes, covers all shift.
Built-in wireless alarm passing		No. Detective Wireless obsolete in 2023.	Yes, 100m, connect up to 25 devices per network, up to 10 networks.
Remote real time alarms and gas readings		No	Yes, via Bluetooth and mobile app on mobile / cell phone.
Crowcon Connect compatible		No	Yes. Service and mobile apps transfer device data into Crowcon Connect including gas readings, alarm events and calibration certificates.

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