



Dräger INARA

Digital Safety Guard

Use our efficient and future-proof service concept to monitor critical work on your site. With Dräger INARA, you can now easily rent your own on-site digital safety guard. Our qualified monitoring personnel can monitor multiple work sites for you, as required, and ensure your available equipment is quickly deployed.

Dräger INARA

RFID readers for controlling access to work sites

Surveillance camera unit

Green LED indicates when ready to use

The Workplace-Box is an explosion-proof control unit with audio-visual alarm and built-in battery.

Transfer data via the WiFi® router or cable internet Connection

Operator position for monitoring up to 25 work sites

Communications option: Central monitoring Station

Multi-gas detector for monitoring ambient air: Dräger X-am® 2800/5800

Mobile router for transferring data to the cloud via LTE

Battery status indicator (for all devices except camera)



Benefits

Efficient service concept

Rent the equipment you need according to your individual requirements. For both short- and long-term deployment, INARA gives you the flexibility you need to respond more quickly to changing needs. Thanks to the portable hardware that is easy to set up quickly, you can monitor critical operations safely and reliably without the need for additional staff. Plan more efficiently and overcome the challenge of staff shortages with our digital safety guard.

Better planning for available equipment

INARA ensures continual monitoring of your work sites, giving you better control over your operations. This helps you minimise the risk of downtime and breakdowns. The explosion-protected and battery-powered devices are ready to use within minutes and provide flexible monitoring of multiple locations to meet your needs.

Safe monitoring in real time

Critical operations must be continuously monitored to ensure compliance with safety regulations and detect possible hazards in time. INARA offers you explosion-protected hardware and a software system that meet the highest demands for functional safety and cybersecurity. This enables you to guarantee secure monitoring at all times. It includes an event-action matrix that defines how the monitoring operator and technical system interact in the event of an emergency to ensure alarm response sequences are carried out correctly and safely. This adds a layer of security that helps you achieve your Vision Zero.

Digital and automated documentation

To ensure compliance with safety regulations, every work site must continually document its safety monitoring measures and results. INARA lets you digitally document your monitoring and generate safety reports automatically.

System Components

D-9044-2023



Workplace-Box

At the core of the INARA monitoring system is the Workplace-Box, which ensures audio-visual alarming and access control and serves as a hub for transferring data (cable/wireless) from the workplace to the router (near-field communication). It also enables direct voice communication to the central control room (operator position). The Workplace-Box has a built-in battery, which enables self-contained, portable monitoring for shifts of up to 12 hours.

D-9075-2023



Camera unit

The camera unit enables you to monitor your work site with a variable number of cameras, depending on your requirements. The cameras connect directly to the Workplace-Box via cable.

D-9081-2023



External battery

Each external battery lets you extend monitoring times by up to 12 hours. Up to two external batteries can be connected to the Workplace-Box or router.

D-9078-2023



Mobile router

The router transfers data (long-range communication) from the system (aggregated for multiple work sites) via LTE to the cloud-based back end (operator position). It also includes a built-in battery and is preprogrammed with a dynamic bandwidth allocation algorithm to react flexibly when bandwidth conditions fluctuate.

System Components

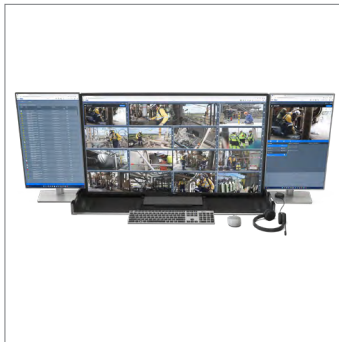
D-1335-2023



Gas warning technologies

Dräger X-am 2800/5800 gas detectors can be connected to the system via Bluetooth® as needed to continually monitor ambient air on the work site.

D-9059-2023



Operator position

The operator position is a remote monitoring centre that includes an Overview Screen, Detail Screen and Report Screen for safe monitoring of critical operations. This cloud-based system takes less than 5 minutes to set up.

D-23255-2017



Field operator

The field operator is the link between the monitoring operator and the contractors who are working on site and being monitored. The monitoring operator can contact the field operator any time it is necessary to intervene quickly and eliminate potential hazards, or initiate a response in the event of accidents, gas leaks or fire.

D-23305-2017

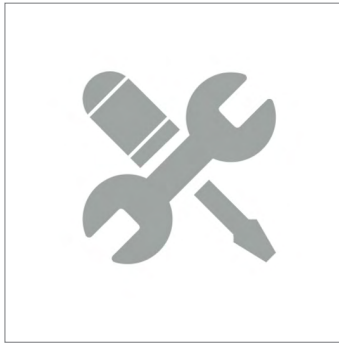


Monitoring operator

The monitoring operator oversees multiple work sites with a total of up to 25 cameras using the Dräger Monitoring System. They receive information from the cameras, gas detection technology, bi-directional communication units and access control systems installed in the work sites. The operator monitors all this information from the control room, grants access and is available to the contractors via intercom.

Services

D-2331-2016



Product Service

Our product service provides support with different service packages in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability - but careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.

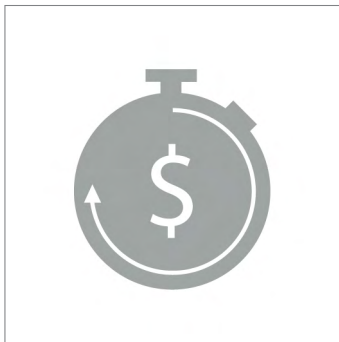
D-2335-2016



Training

The Dräger Academy has been sharing its solid, practical knowledge for over 40 years. We hold more than 2,400 training courses each year on a range of over 600 topics, with more than 110 authorised trainers. We equip your staff with practical knowledge and ensure that what they learn can be applied effectively, both day-to-day and, more importantly, whenever critical situations occur. We are happy to develop a customised training programme for you.

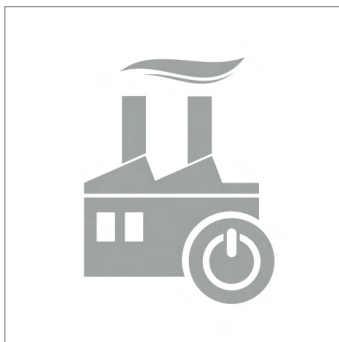
D-2330-2016



Rental Service

From bridging a temporary shortage of equipment to procuring special equipment for applications involving specific requirements: If you only need to cover a temporary higher demand, then Dräger Rental Service with over 65,000 pieces of rental equipment is an economical alternative to purchasing. Fast, straightforward and with a wide range of additional services available upon request.

D-2329-2016



Shutdown Safety Service

In need of a comprehensive safety solution? Is there a long list of legal requirements you have to meet, and are you pressed for time? Balancing maximum efficiency with optimal security can pose major challenges. We can help you achieve that balance. Our Shutdown Safety Service is a solution that takes into account all the necessities of downtime and especially your individual requirements.

Services

D-2332-2016



On-site Safety Service

Whether through a rental shop, personnel services or comprehensive safety management, our On-Site Safety Services provide support in all projects where there are particular safety risks – not to mention normal day-to-day business.

Technical Data

Workplace-Box

	Dimensions (HxWxD)	With holder and antenna installed: 478 mm / 214 mm / 163 mm
		Casing only: 453 mm / 214 mm / 163 mm
	Weight	7.5 kg
	Casing	Durable single-component casing
	Display	High resolution LCD
Operating conditions	Temperature	Operating temperature -20 to +50 °C in use; 0 to 50 °C whilst charging Storage temperature -20 to +50 °C
	Pressure	/ -100 to +3000 m above sea level
	Relative humidity	10 to 95% non-condensing
	Protection class	IP 65
Alarms	Visual	12x RGB LED
	Acoustic	Max. sound level output 90 dB @ 30 cm and 1kHz
Other technical specifications	Power supply	Nominal 10 VDC; min. 9 VDC; max. 11 VDC; Charging input max. 18 VDC; charging with INARA charger DEV-0000615 and only outside Ex zones 1 and 2. Total power consumption: 6 W
	Bluetooth®	Bluetooth® 5.0 (BLE)
	WiFi®	WLAN 802.11n at 2.4 GHz
	Operating times	Typically 12 hours*
Approvals	ATEX	Ex ib IIC T4 Gb
	IECEEx	II 2G Ex ib IIC T4 Gb
	cCSA _{US} (USA and Canada)	Class I, Zone 1, AEx ib IIC T4 Gb-20°C ≤ Ta ≤ +50°C
	FCC	15B/ICES003
	ETSI	EN 300328, EN 300330, EN 301489

*depending on usage time

Technical Data

Camera

	Dimensions (HxWxD)	152.4 mm / 92.0 mm / 56.5 mm (incl. connectors)
	Weight	0.7 kg
	Casing	Durable single-component casing
Operating conditions	Temperature	Operating temperature -20 to +50 °C Storage temperature -20 to +50 °C
	Pressure	/ -100 to +3000 m above sea level
	Relative humidity	10 to 95% non-condensing
	Protection class	IP65
Other technical specifications	Power supply	10 VDC nominal; min. 8 VDC, max. 11 VDC, Typically 205 mA; max. 315 mA Typically 2.1 W; max. 2.5 W
Approvals	ATEX	Ex ib op is IIC T4 Gb
	IECEX	II 2G Ex ib op is IIC T4 Gb
	cCSAUS (USA and Canada)	Class I, Zone 1, AEx ib op is IIC T4 Gb-20°C ≤ Ta ≤ +50°C

Technical Data

External battery

	Dimensions (HxWxD)	214.5 mm / 224 mm / 163 mm
	Weight	4 kg
	Casing	Durable single-component casing
Operating conditions		
	Temperature	Operating temperature -20 to +50 °C in use; 0 to 50 °C whilst charging
		Storage temperature -20 to +50 °C
	Pressure	/ -100 to +3000 m above sea level
	Relative humidity	10 to 95%
		non-condensing
	Protection class	IP65
Other technical specifications		
	Power supply	Output voltage Nominal 10 VDC; min. 9.5 VDC; max. 11.1 VDC
		Output current max. 1.2 A
		max. 12 W per channel; 20 W (both channels cumulated)
	Operating times	Power supply for connected devices (typically 12h)
Approvals		
	ATEX	Ex ib IIC T4 Gb
	IECEX	II 2G Ex ib IIC T4 Gb
	cCSA _{US} (USA and Canada)	Class I, Zone 1, AEx ib IIC T4 Gb -20°C ≤ Ta ≤ +50°C

Technical Data

Mobile router

	Dimensions (HxWxD)	WLAN antenna installed: 407 mm / 224 mm / 163 mm
		LTE antenna installed: 390 mm / 273 mm / 163 mm
	Weight	6.8 kg
	Casing	Durable single-component casing
Operating conditions	Temperature	Operating temperature -20 to +50 °C in use; 0 to 50 °C whilst charging
		Storage temperature -20 to +50 °C
	Pressure	/ -100 to +3000 m above sea level
	Relative humidity	10 to 95%
		/ -100 to +3000 m above sea level
	Protection class	IP65
Other technical specifications	Power supply	Nominal 10 VDC; min. 8 VDC; max. 11 VDC;
		Max. 20 W
		Charging voltage max. 18 VDC;
		Charge input max. 18 VDC;
		Charging with INARA charger DEV-0000615-1.0.0 and only outside Ex-Zone 1 and 2
	Bluetooth®	Bluetooth® 5.0 (BLE)
	WiFi®	WLAN 802.11n at 2.4 GHz
	Operating times	Typically 12 hours
Approvals	ATEX	Ex ec IIC T4 Gc
	IECEX	II 2G Ex ec IIC T4 Gc
	cCSA _{US} (USA and Canada)	Class I, Zone 2, AEx ec IIC T4 Gc -20°C ≤ Ta ≤ +50°C
	FCC	15B/ICES003
	ETSI	EN 301908, EN 300328, EN 303413, EN 301489

Ordering Information

Dräger INARA Components	Article no.
Workplace-Box	37 24 100
External battery	37 24 101
Camera	37 24 102
Mobile router	37 24 103

Not all products, features, or services are for sale in all countries.

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