io-key: kickstarting digitalisation

Quick access to production data via direct cloud connection

- Easy detection and visualisation of your production data

- Seamless data transmission to the moneo Cloud

- Monitoring of local and distributed applications

- Cross-site data access – no IT involvement required

IP65

IO-Link

ifm – close to you!

Description	Order no.	
io-key version	World*	Europe
io-key, IIoT gateway for 2 IO-Link sensors	**AIK050**	**AIK001**
Data tariff for the io-key for data transmission once per minute	**AIS972**	
Data tariff for the io-key for data transmission every 10 seconds	**AIS973**	

* USA, Canada, EU/RED, Australia, Japan, South Africa, Malaysia, Israel

Technical data		
Operating voltage	[V DC]	18...30
Ambient temperature	[°C]	-20...50
Mobile phone transmission standards		NarrowBand IoT; 2G quad-band GSM; LTE Cat-M1
Protection rating		IP65

An easy way to start using the cloud

The io-key makes it effortless to get started with the Industrial IoT. Whether in remote facilities, in transport and logistics, or right in the middle of production: two IO-Link sensors can be connected directly to the io-key, and additional sensors can be added using the appropriate accessories. The io-key transmits the sensor data directly to the moneo|Cloud, where it is visualised, analysed, and monitored via an intuitive dashboard. Thanks to integrated mobile connectivity, no additional hardware or complex IT integration is needed to make effective use of the data.

Safe and reliable

The io-key is especially suitable for hard-to-reach or remote systems, thanks to wireless communication via mobile networks. It only requires a power supply to operate.

With its robust design and IP65 protection rating, the io-key also functions reliably in harsh industrial environments. Furthermore, the moneo|Cloud is operated in certified data centres and meets the highest security standards.
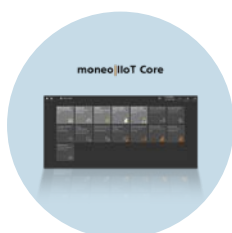
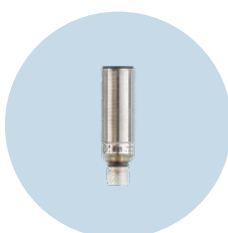## View sensor data anytime, anywhere

The solution is freely scalable: one moneo|Cloud licence can be used for multiple io-keys. The data is accessible at any time, enabling convenient remote monitoring of processes.

Warnings and notifications can also be configured individually: if predefined thresholds are exceeded, moneo|Cloud automatically sends email alerts, allowing responsible personnel to respond quickly and prevent downtime or equipment damage.

BEST FRIENDS

moneo|IIoT Core
IIoT software for easy condition monitoring

UGT level sensor
Level detection on tanks and containers

IO-Link M12 modules
Connection of binary sensors to IO-Link masters

For further technical details, please visit:
ifm.com/fs/AIK050