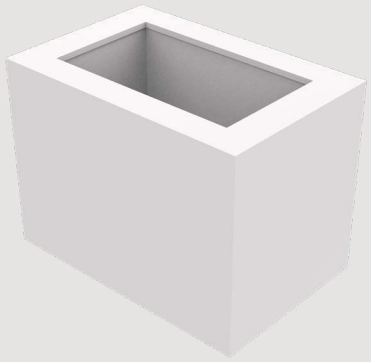
keonn Retail RFID Systems

AdvanGo ™

Self-checkout RFID modular system



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Barcelona
London
Los Angeles

AdvanGo ™

Self-checkout RFID modular system





Video

Benefits:

- Controlled reading area
- Easy integration with most software applications
- Easy installation and monitoring
- For retailers:
  - Queues reduction, thanks to a much faster payment process
  - Improved customer shopping experience, derived from a shorter payment time
  - Reduction in employee costs

Applications:

- Self checkout stations

Product overview

Hardly anything disturbs customers as much as waiting at the cash registers, and that is why self-service checkouts are increasingly gaining acceptance.

AdvanGo is an **RFID-based modular solution** that identifies faster and with higher reliability all the products a customer wants to buy. This **accelerates the payment process** and **reduces queues**, which improves the customer shopping experience and increases sales.

AdvanGo has a **special on-board software** for confining the reading area, which avoids reading unwanted RFID tags.

AdvanGo can be used together with AdvanSafe, AdvanMat or AdvanGate to provide a **complete loss prevention** system fully based on RFID UHF.

AdvanGo comes in 2 models (with 2 antennas and with 4 antennas) and can be supplied in 3 ways:

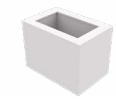
Electronics only



Electronics + internal furniture



Electronics + internal funiture + external furniture



AdvanGo comprises:

- High power RFID reader
- Antennas
- RF cables
- Power supply
- Specific on-board software
- AdvanCloud platform (optional)
- Internal and external furniture (optional)

The RF hardware can be **easily assembled** to a fixture by non-skilled operators. An engineer is needed only to connect the readers to the network, check the system and connect the on-board software drivers to the application software used by the retailer.

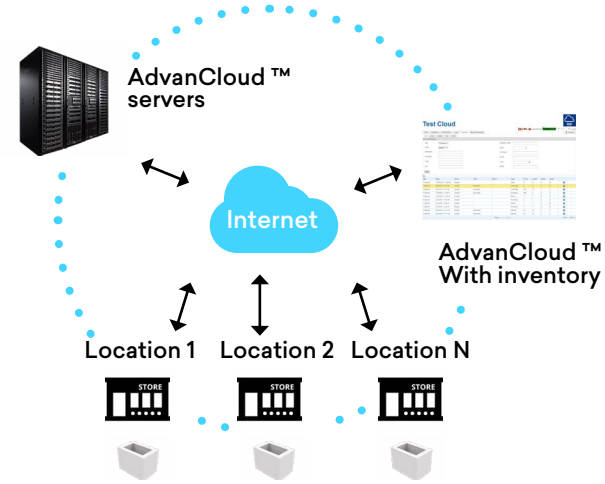
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Connection to AdvanCloud

AdvanGo can be optionally connected to AdvanCloud cloud-based software platform. The EPC codes of read RFID are reported to AdvanCloud, which gives full traceability at item level.

This information can then be analyzed for business intelligence purposes:

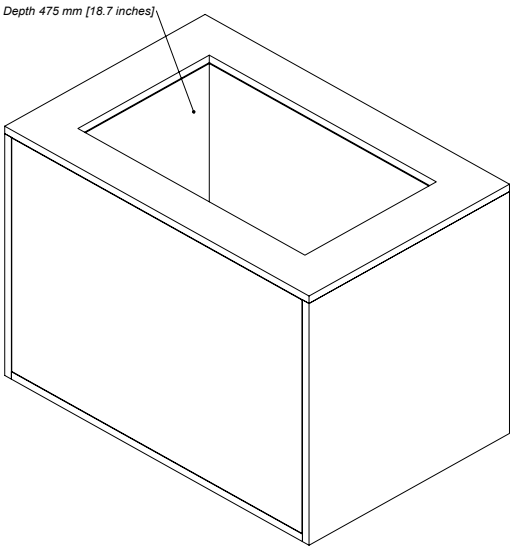
- Products sold
- Products returned
- Cross-selling
- ...

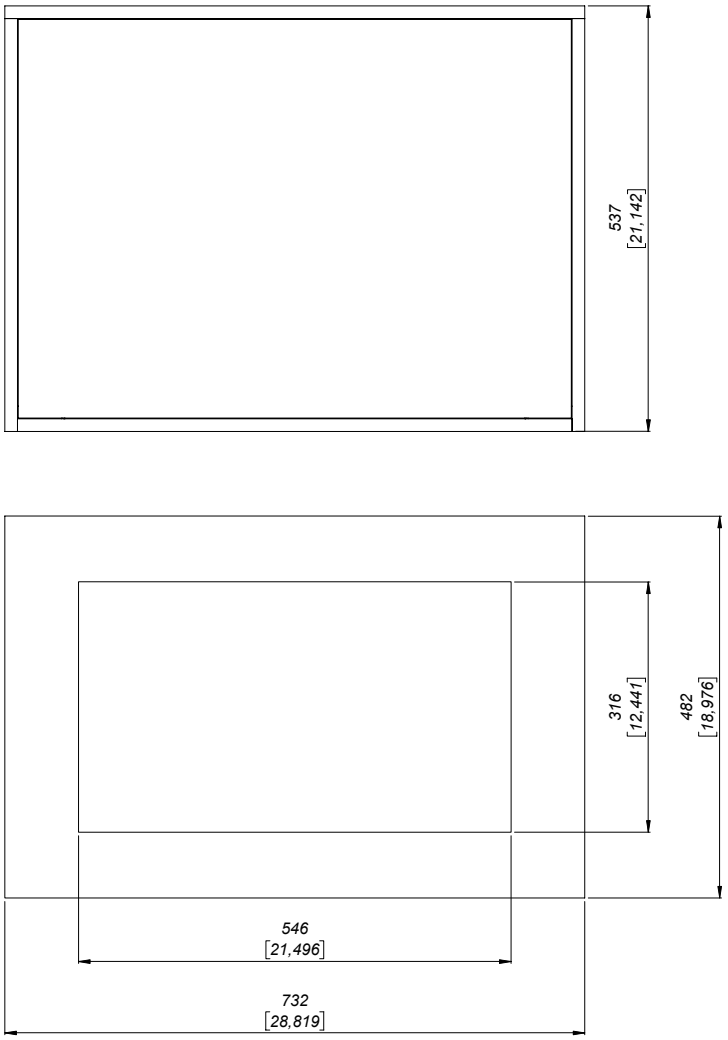


Technical specifications

Operating Frequency EU Version	865 - 868 MHz (ETSI EN 302 208) Multiple countries are supported
Operating Frequency US Version	902 - 928 MHz (FCC part 15) Multiple countries are supported
Materials	Can be used on metallic and non-metallic fixtures, of any color and size
Read rate	Typically above 99,5 %
Number of antennas	Depends on the type of self-checkout station
Reader transmitted power	max. 31,5 W
Communications	Ethernet, USB HID Optional: WiFi , 3G
Transponder Protocol Standard	ISO 18000 - 6 C EPC Class1 Gen2
Drivers	Java
Integration	REST API, HTTP, MQTT, CSV, SQL, USB HID, CSV
Dimensions (with external and internal furniture and RFID electronics)	732 mm x 482 mm x 547 mm (29 in x 19 in x 21 in)
Weight (with external and internal furniture and RFID electronics)	40,5kg
Weight (with internal furniture and RFID electronics)	18,6kg

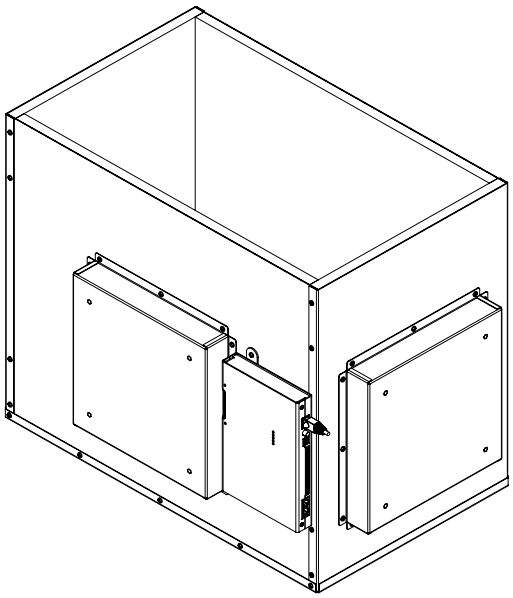
Mechanical specifications (External + internal furniture and RFID electronics)

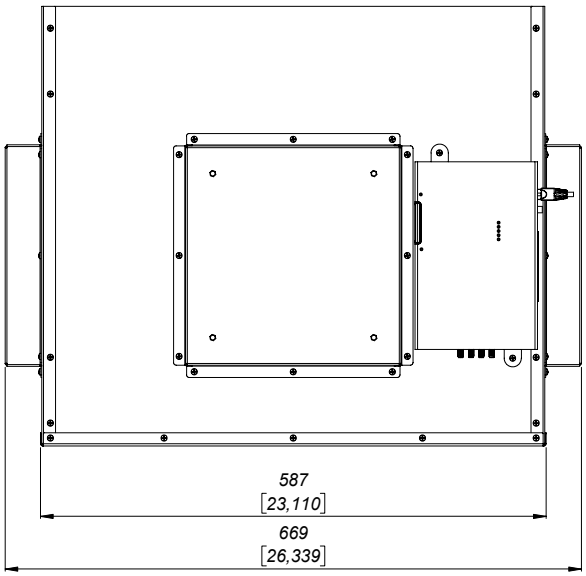


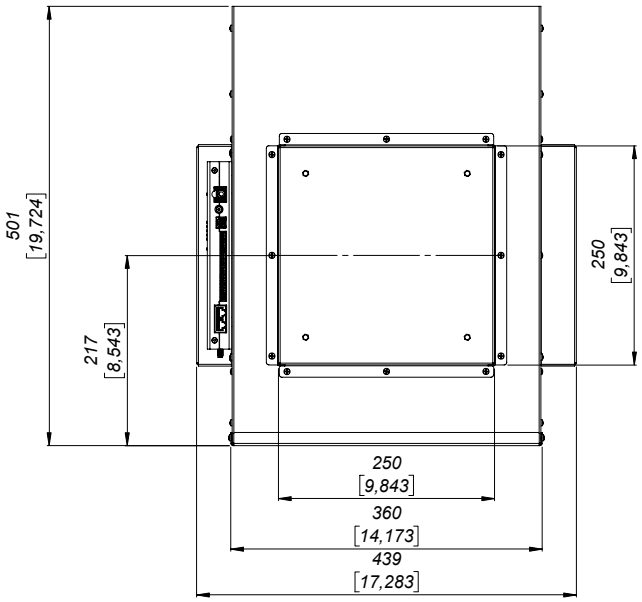


Units in millimeters and [inches]

Mechanical specifications (Internal furniture and RFID electronics)







Units in millimeters and [inches]

Product codes for ordering

ADGO	-	F	-	R	-	A	-	FF	-	mmm	
											F = furniture
		-									RFID electronics
		IFWM									Internal furniture & RFID electronics
		FWM									Internal + external furniture & RFID electronics
											R = reader
				160							AdvanReader-160
				70							AdvanReader-70
											A = number of antennas and model
						4SP11					4 Advantenna-SP11
						2SP11					2 Advantenna-SP11
											FF = frequency Band
								EU			865,6 MHz - 867,6 MHz
								US			902,0 MHz - 928,0 Mhz
											mmm = serie
										100	Model number

Examples:

ADGO-IFWM-160-4SP11-EU-100:

- AdvanGo
- Internal furniture and RFID electronics
- AdvanReader-**160**
- **4** Advantenna-**SP11**
- Frequency band: 865,6 MHz - 867,6 MHz
- Model **100**

ADGO-FWM-70-2SP11-EU-100:

- AdvanGo
- **Internal + external furniture and RFID electronics**
- AdvanReader-**70**
- **2** Advantenna-**SP11**
- Frequency band: 865,6 MHz - 867,6 MHz
- Model **100**

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