

Callidus



EAS Products

Catalogue 2026

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Deliveries to 50+ countries

You can see our products in up to 50 countries around the world.

More than 500k products delivered

During our existence, we have already sold more than 500 000 of our products.

We are industry leaders and manufacture the most reliable and effective solutions you are looking for.



www.callidus.cz

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1 AM Technology

Our **Acousto-Magnetic (AM)** technology is the ideal security choice for a wide range of retail environments, particularly **pharmacies, cosmetic stores, electronics retailers, and DIY centers**. These systems excel in environments where high-performance detection of tags and labels is required. To match any architectural style, we offer our classic pedestals in two distinct designs: **durable aluminum frames** built for high-traffic environments and sleek, **crystal-clear acrylic systems** that blend perfectly into high-end design boutiques and modern retail spaces.

Beyond aesthetics, our AM portfolio includes versatile installation options such as **door frame systems, hidden floor or ceiling antennas**, and the specialized **Loop AM TRX**. These systems are powered by intelligent controllers featuring network connectivity and remote management. This allows for real-time monitoring and seamless integration into your store's digital infrastructure.

Every system is equipped with advanced software features like adaptive sensitivity, jamming detection, and "tag-too-close" alerts to ensure maximum reliability. When combined with integrated people counting, the systems offer detailed alarm validation and can automatically enter an energy-saving mode during low-traffic periods. From the marketing-friendly advertising pedestals to high-security foil-bag detection, our AM solutions provide a comprehensive, data-driven approach to loss prevention.

Key Highlights:

- Network connection, remote tuning and management
- Buzzer and RGB alarm lights
- Advanced SW features (tag-too-close, adaptive sensitivity adjustment, etc.)
- People counting and alarm validation available (only selected types)
- Different alarm types settings (incoming, outgoing, etc.) if the people counter is included
- Build-in jamming detection
- MQTT and REST API accessible (optional by license)
- Optional foil bag detection (by license, not available at AM TRX Eco)
- Optional magnet detection (by hardware, available only for certain products)
- The system can be set to the energy-saving mode automatically by people counting sensors, by programmed schedule, by external key or mag contact
- Possibility to connect Dashboard for alarm event management via network connection
- Advertising poster possibility for CPP+ systems. Anti-reflective foil over the advertising poster available as an optional accessory



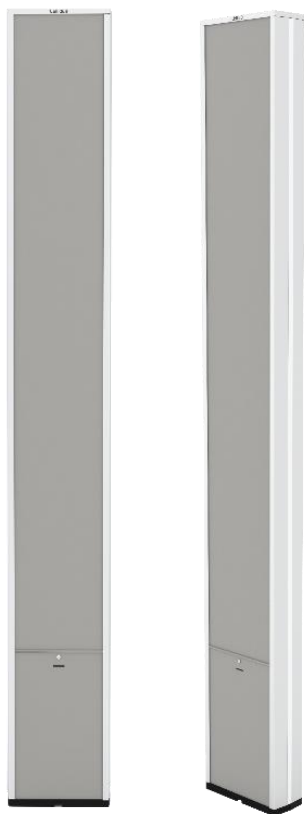
CPP+ 380 AM TRX



CPP 450 AM TRX



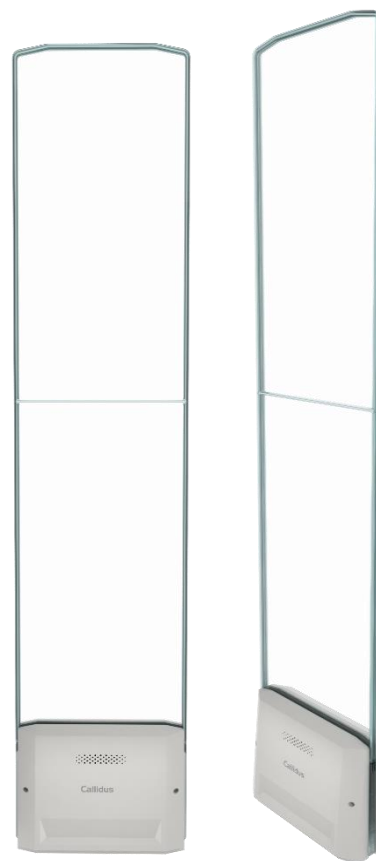
CT 400 AM TRX



HR 200 AM TRX



CEP 360 AM TRX Eco



CET 320 AM TRX Eco



Door 250 AM TRX

Name	CPP 380 AM TRX	CPP 450 AM TRX	CT 400 AM TRX
Technology characteristic	Superior AM technology	Superior AM technology	Superior AM technology
People counting and alarm validation Different alarm types (incoming, outgoing)	✓	✓	✓
Foil bag detection (optional by license)	✓	✓	✓
Magnet detection (optional by hardware)	✓	✓	✗
MQTT and REST API (optional by license)	✓	✓	✓
Camera integration availability	✓	✓	✗
RFID integration availability (see RFID products)	✓	✓	✗
Energy-saving mode	✓	✓	✓
Advertising - poster dimensions	1400 x 325 mm (55.12 x 12.80 in)	1400 x 395 mm (55.12 x 15.55 in)	✗
Design category	Transparent (basic), Solid, LGP (Light Guide Plate)	Transparent (basic), Solid	Acrylic
Color options	Matt Grey (basic) Black or White on the request	Matt Grey (basic) Black or White on the request	Matt Grey (basic) Black or White on the request
Available in a premium brushed finish	✓	✓	✓
Certifications	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC
Dimensions (W x H x T)	38.2 x 168 x 5.5 cm (15 x 66.1 x 2.2 in)	45.4 x 168 x 5.5 cm (17.8 x 66.1 x 2.2 in)	40 x 150.7 x 2 cm (15.7 x 59.3 x 0.8 in)
Base depth	9.5 cm (3.7 in)	9.5 cm (3.7 in)	10.4 cm (4.1 in)
Weight	8.5 kg	12.5 kg	14 kg
Power requirement	115V/60Hz or 230V/50Hz 40W max, 5W standby	115V/60Hz or 230V/50Hz, 40W max, 5W standby	115V/60Hz or 230V/50Hz, 40W max, 5W standby
Operating frequency	58 kHz	58 kHz	58 kHz
Detection distance of a label	Up to 244 cm (8.01 ft) aisle	up to 270 cm (8.86 ft) aisle	up to 244 cm (8.01 ft) aisle
Product code series	18-50x	18-571.x	21-155.x

Name	HR 200 AM TRX	CEP 360 AM TRX Eco	CET 320 AM TRX Eco	Door 250 AM TRX
Technology characteristic	Superior AM technology	Economical AM technology	Economical AM technology	Door frame AM technology
People counting and alarm validation Different alarm types (incoming, outgoing)	OPTIONAL	OPTIONAL	✗	✓
Foil bag detection (optional by license)	✓	✗	✗	✓
Magnet detection (optional by hardware)	✓	✗	✗	✓
MQTT and REST API (optional by license)	✓	✓	✓	✓
Camera integration availability	✓	✗	✗	✓
RFID integration availability (see RFID products)	✓	✗	✗	✗
Energy-saving mode	✓	✓	✓	✓
Advertising - poster dimensions	1209 x 180 mm (47.59 x 7.9 in)	✗	✗	✗
Design category	Solid	Open (basic), Transparent, Solid	Acrylic	Acrylic
Color options	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request
Available in a premium brushed finish	✓	✗	✓	✓
Certifications	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC
Dimensions (W x H x T)	20 x 152.5 x 8 cm (7.87 x 60 x 3.15 in)	36 x 152 x 4 cm (14.2 x 59.8 x 1.57 in)	32.5 x 151 x 2 cm (12.8 x 59.5 x 0.79 in)	26.3 x 170 x 2 cm (10.35 x 66.9 x 0.79 in)
Base depth	-	8 cm (3.15 in)	9.6 cm (3.78 in)	6.2 cm (2.44 in)
Weight	8.4 kg	5.7 kg	13 kg	n/a kg
Power requirement	115V/60Hz or 230V/50Hz, 40W max, 5W standby	115V/60Hz or 230V/50Hz, 18W std., 40W max, 5W standby	115V/60Hz or 230V/50Hz, 18W std., 40W max, 5W standby	115V/60Hz or 230V/50Hz, 40W max, 5W standby
Operating frequency	58 kHz	58 kHz	58 kHz	58 kHz
Detection distance of a label	up to 180 cm (5.9 ft) aisle	up to 200 cm (6.56 ft) aisle	up to 190 cm (6.23 ft) aisle	up to 220 cm (7.22 ft) aisle
Product code series	23-42x	24-40x	25-15x	24-20x

2 RF Technology

Our **Radio-Frequency (RF)** technology offers a highly reliable and cost-effective security solution for a wide range of retail environments. It is the gold standard for **apparel stores, supermarkets, and fashion retailers** who require fast detection of paper labels and hard tags. To ensure these systems complement your store's interior, we offer our pedestals in two premium finishes: **robust aluminum frames** for maximum durability in high-traffic areas and **crystal-clear acrylic versions** that provide a sleek, minimalist look for high-end boutiques.

Beyond its classic design, our RF portfolio is engineered for the digital age. These systems are not just simple gatekeepers; they are intelligent sensors equipped with **network connectivity** and **remote management** capabilities. With support for **MQTT and REST API**, our RF solutions can be easily integrated into your store's IT ecosystem, allowing for real-time monitoring and data collection. Advanced software features, including **adaptive sensitivity adjustment**, ensure that the systems maintain peak performance even in environments with high electronic noise.

Our RF systems are designed with operational efficiency in mind. When integrated with **people counting sensors**, they provide valuable insights into visitor traffic and allow for **alarm validation** to distinguish between genuine security events and system tests. To minimize environmental impact and electricity costs, the pedestals can automatically switch to an **energy-saving mode** based on store traffic or programmed schedules.

Key Highlights:

- Network connection, remote tuning and management
- Buzzer and RGB alarm lights
- Advanced SW features (tag-too-close, adaptive sensitivity adjustment, etc.)
- People counting and alarm validation available (only selected types)
- Different alarm types settings (incoming, outgoing, etc.) if the people counter is included
- Possibility to use with passive antenna
- Build-in jamming detection
- MQTT and REST API accessible (optional by license)
- Optional foil bag detection (by license, not available at AM TRX Eco)
- Optional magnet detection (by hardware, available only for certain products)
- The system can be set to the energy-saving mode automatically by people counting sensors, by programmed schedule, by external key or mag contact
- Possibility to connect Dashboard for alarm event management via network connection
- Advertising poster possibility for CPP+ systems. Anti-reflective foil over the advertising poster available as an optional accessory
- Note: One 65W PSU need per up to 3 pedestal RF TRX. One 25W PSU need per one RF TRX + RF TRX passive pair



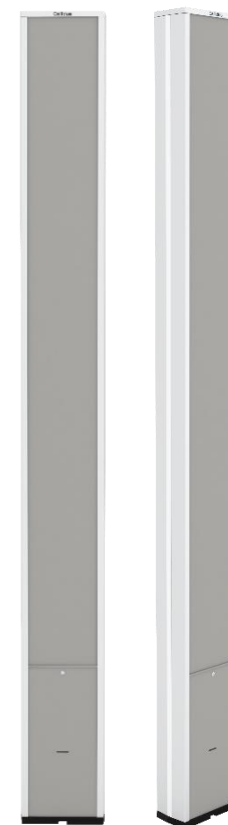
CPP+ 380 RF TRX



CEP 360 RF TRX



CET 320 RF TRX



HR 160 RF TRX

Name	CPP+ 380 RF TRX	CEP 360 RF TRX	CET 320 RF TRX	HR 160 RF TRX
Technology characteristic	RF technology	RF technology	RF technology	RF technology
Passive options	✓	✓	✓	✗
People counting and alarm validation Different alarm types (incoming, outgoing)	✓	✗	✗	OPTIONAL
Foil bag detection (optional by license)	✗	✗	✗	✗
Magnet detection (optional by hardware)	✗	✗	✗	✗
MQTT and REST API (optional by license)	✓	✓	✓	✓
Camera integration availability	✗	✗	✗	✓
RFID integration availability (see RFID products)	✗	✗	✗	✓
Energy-saving mode	✓	✓	✓	✓
Advertising - poster dimensions	1400 x 325 mm (55.12 x 12.80 in)	✗	✗	1209 x 142 mm (47.6 x 5.59 in)
Design category	Transparent (basic), Solid	Open (basic), Transparent, Solid	Acrylic	Solid
Color options	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request
Available in a premium brushed finish	✓	✗	✓	✓
Certifications	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC	UL, CE, FCC
Dimensions (W x H x T)	38.2 x 168 x 5.5 cm (15 x 66.1 x 2.2 in)	36 x 152 x 4 cm (14.2 x 59.8 x 1.57 in)	32.5 x 151 x 2 cm (12.8 x 59.4 x 0.8 in)	16 x 152 x 8 cm (6.3 x 59.8 x 3.15 in)
Base depth	9.5 cm (3.7 in)	8 cm (3.15 in)	9.6 cm (3.78 in)	-
Weight	10.5 kg	6.35 kg	14 kg	6.35 kg
Power requirement	48VDC/15W per pedestal	48VDC/15W per pedestal	48V DC/15W per pedestal	48V DC/15W per pedestal
Operating frequency	8.2 MHz	8.2 MHz	8.2 MHz	8.2 MHz
Detection distance of a label	up to 182 cm (5.97ft) aisle	up to 180 cm (5.9 ft) aisle	up to 180 cm (5.9 ft) - between pedestals	up to 170 cm (5.58 ft) aisle
Product code series	18-51x	24-45x	25-16x	23-45x

3 AM-RF Hybrid

For retailers who demand maximum flexibility without compromise, we offer a **combined AM and RF technology** integrated into a single pedestal. This hybrid solution is the perfect answer for complex retail environments, such as **department stores or shopping malls**, where merchandise might be protected by different types of tags. By housing both frequencies in one sleek unit, you eliminate the need for multiple gates at your entrance, maintaining a clean architectural look while ensuring 100% protection across your entire product range.

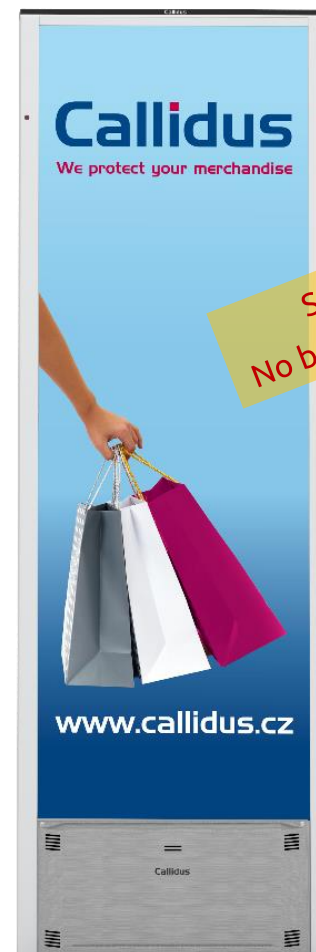
Why Choose the Hybrid System?

- **Unmatched Versatility:** Detects both 58 kHz (AM) and 8.2 MHz (RF) technologies simultaneously.
- **Space Efficiency:** Reduces the hardware footprint at your store entrance.
- **Smart Integration:** Full remote tuning and Dashboard support for both technologies in one interface.

Design Excellence: Solid & LGP Advertising

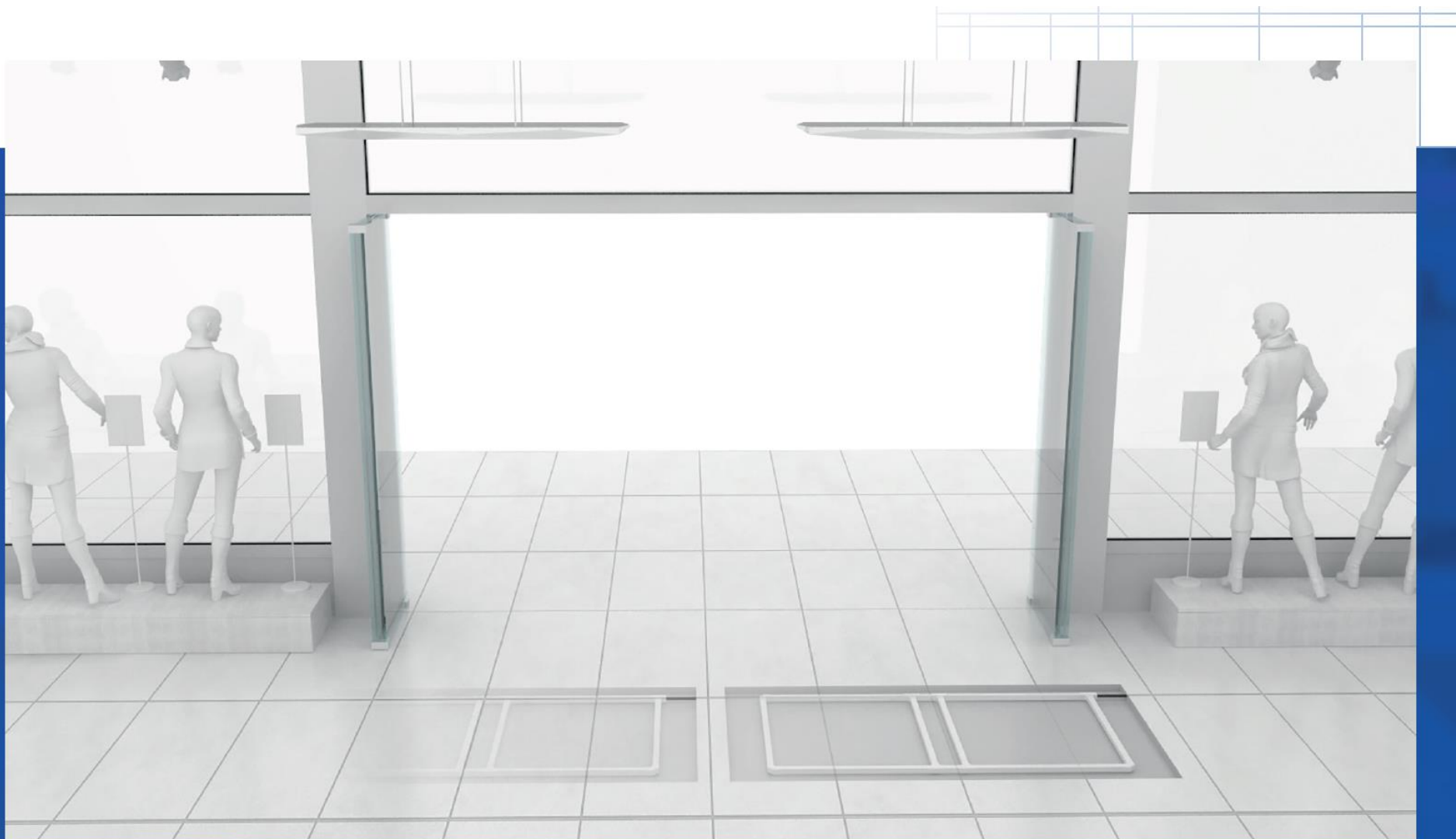
Our systems are designed to be more than just security gates; they serve as a powerful marketing tool at your store's entrance. We provide versatile options to match your branding needs:

- **Solid Advertising:** These robust pedestals feature a **large-scale advertising area**, allowing you to insert high-impact promotional posters.
- **LGP Advertising:** For a truly premium feel, we offer versions with **Light Guide Plate (LGP) technology**. This system provides perfectly even, edge-to-edge backlighting for your advertisements, ensuring your brand messages remain vivid and eye-catching even in low-light conditions.



Name	CPP + 540 AM-RF Hybrid LGP	CPP+540 AM-RF Hybrid Solid
Technology characteristic	Superior AM and RF technology	Superior AM and RF technology
People counting and alarm validation Different alarm types (incoming, outgoing)	✓	✓
Foil bag detection (optional by license)	✓	✓
Permanent magnet detection (optional by hardware)	✓	✓
MQTT and REST API (optional by license)	✓	✓
Camera integration availability	✗	✗
RFID integration availability (see RFID products)	✗	✗
Energy-saving mode	✓	✓
Advertising - poster dimensions	1400 x 485 mm (55.12 x 19.09 in) (recommended advertising foil material e.g. Coala Backlit S Mat 205 µm or similar suitable for LGP)	1400 x 485 mm (55.12 x 19.09 in)
Design category	LGP (Light Guide Plate)	Solid
Color options	Matt grey (basic) black and white on the request	Matt grey (basic) black and white on the request
Available in a premium brushed finish	✓	✓
Certifications	UL, CE, FCC	UL, CE, FCC
Dimensions (W x H x T)	54.5 x 168 x 5.5 cm (21.5 x 66.1 x 2.2 in)	54.5 x 168 x 5.5 cm (21.5 x 66.1 x 2.2 in)
Base depth	9.5 cm (3.7 in)	9.5 cm (3.7 in)
Weight	18.5 kg	18.5 kg
Power requirement	115V/60Hz or 230V/50Hz, 50W max, inbuild UL power supply	115V/60Hz or 230V/50Hz, 50W max, inbuild UL power supply
Operating frequency	58 kHz and 8.2 MHz frequency range	58 kHz and 8.2 MHz frequency range
Detection distance of a label	up to 180 cm (5.9 ft.) aisle	up to 180 cm (5.9ft.) aisle
Product code series	18-552.LPUx	18-552.SPUx

4 AM Floor Systems



4.1 AM Concealed Foldable Antenna

Key Highlights:

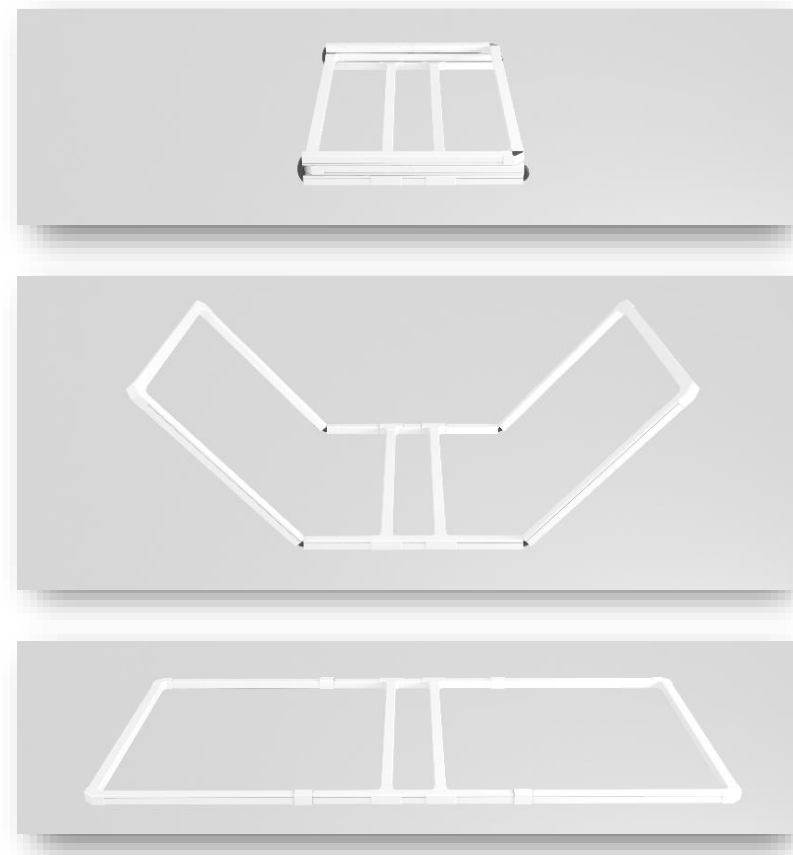
- AM EAS system designed for floor installation
- Very slim design, no ferrite shielding needed
- Invisible installation under the floor (pic.1). Possibility of multiple installations for large entrances (pic.2)
- Compatible with AM TRX controller and AM TRX ceiling extenders
- For large detection distance
- Foldable for easy transport
- Cable lengths 4 m (F4), 10 m (F10) and 15 m (F15)

Detection Height (for DR labels):

- Full area detection height up to 125 cm (no extenders)
- Up to 280 cm (AM TRX controller, with AM TRX ceiling extenders)
- Up to 330 cm (AM TRX control box, with AM TRX ceiling concealed system)

Electrical

- Power requirement AM TRX control box needed
- Operating frequency AM 58kHz frequency range



Type	Dimensions	Weight	Cable length	Product code
AM 166x74 F4 Concealed Foldable Antenna	170 x 77.5 x 3 cm (67x30.5x1.2 in)	3.8 kg	4 m	17-530.F4
AM 130x74 F4 Concealed Foldable Antenna	134 x 77.5 x 3 cm (52.8x30.5x1.2 in)	3.5 kg	4 m	17-535.F4
AM 166x74 F10 Concealed Foldable Antenna	170 x 77.5 x 3 cm (67x30.5x1.2 in)	7.4 kg	10 m	17-550.F10
AM 130x74 F10 Concealed Foldable Antenna	134 x 77.5 x 3 cm (52.8x30.5x1.2 in)	6.3 kg	10 m	17-555.F10
AM 166x74 F15 Concealed Foldable Antenna	170 x 77.5 x 3 cm (67x30.5x1.2 in)	8.7 kg	15 m	17-550.F15
AM 130x74 F15 Concealed Foldable Antenna	134 x 77.5 x 3 cm (52.8x30.5x1.2 in)	7.5 kg	15 m	17-555.F15

4.2 AM Controllers



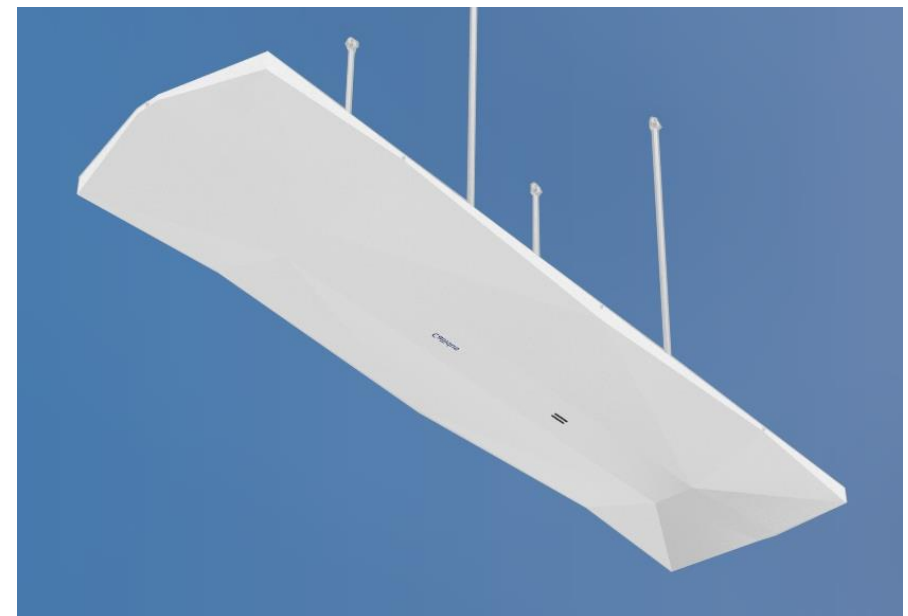
Name	AM TRX Controller	Quad/Trio/Duo AM TRX Controller
Connecting	One control unit can drive one pedestal or floor antenna	One control unit can drive up to Four pedestals or floor antenna
Network connection, remote tuning and management	✓	✓
MQTT and REST API (optional by license)	✓	✓
Energy-saving mode	✓	✓
Alarm indication	Buzzer	Buzzer
Dimensions (W x L x H)	24 x 31 x 4.6 cm (9.45 x 12.2 x 1.8 in)	48 x 43 x 6.6 cm (18.9 x 16.9 x 2.6 in)
Weight	2.4 kg	6.1 kg (Quad), 5.8 kg (Trio), 5.2 kg (Duo)
Power requirement	100-240V/50-60Hz 40W max, 5W standby	100-240V/50-60Hz Duo: 40W max, 10W standby, Trio: 80W max, 15W standby, Quad: 80W max, 20W standby
Operating Frequency	58 kHz	58 kHz
Product code series	19-014.x	19-018.x

4.3 AM Ceiling Extender

- Network connection, remote tuning and management
- Energy efficient - about 20W power consumption
- Advanced SW features (tag-too-close, adaptive sensitivity adjustment, etc.)
- Extends floor system detection height range to full area
- Maximum mounting height depends on TAGs used, for DR labels it is 2.7 meters MAX
- Includes AM TRX electronics, RGB alarm light and buzzer
- Optional embedded UHF RFID antenna and reader
- Set of 1.5 meters mounting lanyards included
- Buzzer and RGB alarm lights
- Available in white (standard), silver or black color
- External PSU needed



Name	Callidus AM TRX ceiling extender
MQTT and REST API (optional by license)	✓
Energy-saving mode	✓
Alarm indication	RGB light and buzzer
Color options	Matt white
Certifications	UL, CE, FCC
Dimensions (L x W x H)	133 x 32 x 6.5 cm (52.4 x 12.6 x 2.56 in)
Weight	5.7 kg
Power requirement	115V/60Hz or 230V/50Hz, 35W max
Operating frequency	58 kHz
Detection distance of a label	up to 180 cm (5.9 ft.) aisle
Product code	20-101.MWC



5 AM Loop System

Callidus AM Loop System is a modern and discreet security system designed to protect retail stores and commercial spaces. The aluminum AM antennas are installed directly into the door frame, so they do not disrupt the interior design while providing reliable detection.

Key Highlights:

- Network connection, remote tuning and management
- Invisible loop system installed in the door frame
- AM TRX Loop EAS system consists of 4x AM TRX Loop Extender, 1x AM TRX Loop Controller, 1x AM TRX UL PSU and AM TRX 13 m Loop Cable
- Buzzer and RGB alarm lights
- Possibility to connect Dashboard for alarm event management via network connection



Name	Callidus AM TRX Loop EAS system				
MQTT and REST API (optional by license)	✓				
Energy-saving mode	✓				
Alarm indication	Buzzer, LED indicators				
Dimensions and weight of the components		Width	Height	Thickness	Weight
	AM TRX Loop Extender	5.5 cm (2.17 in)	21.6 cm (8.5 in)	3.5 cm (1.38 in)	n/a
	AM TRX Loop Controller	20 cm (7.87 in)	20 cm (7.87 in)	4 cm (1.57 in)	n/a
Weight	3.9 kg				
Power requirement	115V/60Hz or 230V/50Hz, 110W max				
Operating frequency	58 kHz				
Door frame dimension	door width between 180 cm (5.9 ft) to 213 cm (11 ft) door height up to 250 cm (8.2 ft)				
Color options	Silver (light grey controller, silver extenders)		Black (black controller, black extenders)		
Image					
Product order code	25-091.SC-xx		25-091.BC-xx		

xx = mains cable type = EU, US, UK

6 Accessories

Product code	Product name
0254	Universal Hard Tags Superlock Detacher
7333.xx	AM TRX UL Power Supply
7351.xx	RF TRX Power Supply 65W, with xx mains cable
7357.xx	RF TRX Power Supply 25W, with xx mains cable
14-900.PSU.xx	PSU (power supply unit) for LGP (backlight panel)
18-500-045	Advertising Anti-reflective Foil for CPP+ 380
18-500-327	Advertising Anti-reflective Foil for CPP+ 450

xx = mains cable type = EU, US, UK



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