

www.agta-record.com

Near the customer and rapidly available via the service network

Record service technicians attend regular training courses and guarantee reliable, high quality maintenance, which also preserves the long-term value of your installation. Diagnosis and intervention from a remote site or troubleshooting on-site: record service is always in your proximity.



Personal consulting | Professional assembly and commissioning | Professional maintenance | Hotline for rapid troubleshooting | Guarantee of long-term functionality



→ Headquarters

agta-record Ltd – Allmendstrasse 24 – CH-8320 Fehraltorf

Tel: +41 44 954 91 91 – e-mail: info@agta-record.com



AMAJ SANAT AZAR

Floor 4th, N.o 17, Khosrow Intersection,
Satar Khan St., Tehran/IRAN

www.amajdoor.com

Tel: +98(21) 44273600

Fax: +98(21) 44269949

www.agta-record.com



record

your global partner for entrance solutions

Door operator technology for pedestrian entrances and industrial applications

Safety and security

Central monitoring

Service and maintenance

Special solutions

05/2012 – n°102-099.861 (saddle stitch) – n°102-099.865 (eyelet binding) – subject to technical modifications



record STA 21

record system 20 technologies for light to medium-heavy applications



record

your global partner for entrance solutions

Designed for light to medium-heavy door applications

Based on the record system 20, the record STA 21 has been modified to meet the requirements of less weight and medium-sized door applications. Both have the same system, enabling the interactive exchange of information between control, sensors and electronic remote control unit.

The most important functions

The 32-bit microprocessor control enables a wide variety of operational modes and functions. The mode of operation is selected intuitively using the BDE-D electronic remote control; the display features text in the language of your choice. The convenient and user-friendly BDE-D remote control can also be used to set or modify application-specific door parameters such as opening and closing speeds, opening widths for reduced opening, duration of open times, etc. Alternatively, parameter setting can also be done mechanically using the robust, key-operated switch.

Safety and security equipment

The record STA 21 can be fitted with motorized bolt locking. Fitting security floor rails with extended blades can further enhance burglar protection levels.

One optional available is manual unlocking in or outside buildings to guarantee the opening of the automatic door during power failures. Another is a rechargeable battery equipped with charging status monitoring to open or close the door in emergencies. the CO48 emergency opening system provided for the French market is also available, but with restrictions in the door leaf weights.

	record STA 21 – standard sliding doors (STA)		record STA 21 – telescopic sliding doors (TSA)	
Door models	E-STA 1 leaf	D-STA 2 leaves	E-TSA 2 leaves	D-TSA 4 leaves
Opening width	800 – 2000 mm	800 – 2500 mm	800 – 2500 mm	1440 – 3000 mm
Max. height of passage	2500 mm	2500 mm	2500 mm	2500 mm
Max. door leaf weight	1 x 130 kg	2 x 90 kg	2 x 90 kg	4 x 60 kg
Recommended application	For light duties in tight spaces	For functional entrances with large entrance widths	For maximum entrance widths in tight spaces	For elegant entrances with large entrance widths



D-STA 2 leaves



E-STA 1 leaf

Door applications	record STA 21	record STA 20	Special door automation
Standard sliding doors with 1 or 2 leaves	●	●	record STA 22 – STA
Telescopic sliding doors with 2 or 4 leaves	●	●	record STA 22 – TSA
Sliding doors with break-out system		●	
Round and angled sliding doors			RST / PST
Folding doors			FTA
Special models		possible	possible
Operator height	108 / 150 mm	108 / 150 mm	> 150 mm
Escape route systems RED ● / CO48 ● / TOS ●	●	● ● ●	● ● ●
Optional equipment			
Standard- ● or multi-point locking (MPV) ●	●	● ●	● ●
Compatible with ADM (from about middle of 2012)		●	●
Profile system 20 (up to 10 mm single layer glass)	●	●	●
Profile system 32 (up to 24 mm insulating glass)	●	●	●
Foreign profiles up to 65 mm	●	●	●
Door protective screen (designed entirely in glass)	●	●	●
Rechargeable battery for emergency opening ● or emergency operation ●	●	● ●	● ●
Peripheral devices			
record BDE-D remote control device with text display	●	●	●
record sensor systems (RAD 290, RIC 290)	●	●	●
record diagnostic maintenance tool	●	●	●



record peripheral equipment for efficient interactive communication

The reason record products rarely malfunction is the fact that we are one of the few manufacturers of automatic doors that develops and makes both the hardware and software found in our control and sensor devices. This enables us to implement the improvements made by our developers and engineers in the most effective way possible by allowing the coordination of individual improvements on an on-going basis.

Developed and manufactured entirely in-house

When analysing its immediate environment, the RAD 290 motion detector permanently communicates with the control device. The field of the 24 GHz radar-equipped motion detector is defined electronically, allowing it to eliminate previously acquired door movements. The detector is set up to distinguish between traffic moving towards the entrance and across it.

The RIC 290 sensor device uses both radar and infrared technologies. It is equipped with both motion and presence detectors to ensure optimal safety and security during opening and closing. The convex system of lenses enables individual light sources to be collected and processed. The device actively communicates with the door control, eliminating door movements and interference caused by traffic moving across the entrance.

Remote control unit with text display

The electronic remote control device BDE-D is equipped with an illuminated display and features user-friendly, highly convenient menu navigation. Several operational modes are available to programme door functions. The BDE-D is available in standard and slim-line models, and is also available with a key-operated switch.

Sensors



Remote control units



Specifications

	record STA 21 – standard sliding doors (STA)		record STA 21 – telescopic sliding doors (TSA)	
	E-STA 1 leaf	D-STA 2 leaves	E-TSA 2 leaves	D-TSA 4 leaves
Operator dimensions	with cladding 194 x 108 / 150 mm without cladding 157 x 108 / 150 mm		with cladding 259 x 108 / 150 mm without cladding 222 x 108 / 150 mm	
Door movement	0.5 m/s	0.7 m/s	0.5 m/s	0.7 m/s
Mass				
Power supply	230 V / 50 / 60 Hz / 100 W			
Power consumption	100 W in operation / 25 W in idle mode			
Ambient temperature	-15°C to +50°C			
Remote control	Electronic with illuminated display (BDE-D)			
Operational modes	<ul style="list-style-type: none"> Automatic operation Continuously open Manual operation 		<ul style="list-style-type: none"> One-way traffic Locked 	
Programmable functions	<ul style="list-style-type: none"> Customer-specific door parameters Control lock Bell contact 		<ul style="list-style-type: none"> Emergency opening and closing (programmable parameters) Energy-saving function (automatic entrance widening TO WA) 	
Options	Sensor, safety and security <ul style="list-style-type: none"> Bolt locking device (VRR 20) RIC 290 multi-purpose sensor RAD 290 motion detector Floor safety rail Finish profile (burglar-resistant) Floor lock Key operated switch SSK CO48 escape route door system (France) Protective screen 		Additional equipment <ul style="list-style-type: none"> Optical locking display Emergency-open button Manual unlocking inside and outside of door Battery for emergency operation during power failure Locking device surveillance Extended functions module (FEM) for optional accessories Detachable operator housing 	
Assembly variants	<ul style="list-style-type: none"> Lintel-mounted, free standing or on the ceiling 			

