

# AMR200 Contactless Smartcard Readers



- Contactless Smartcard technology offering operational convenience with smartcard level security
- Elegant industrial design in grey casing to suit any interior decor
- Easy installation with mounting on standard single gang electrical switchbox
- Complete product family from a simple short range reader to full featured reader with LCD and keypad
- Flexible data communication options with either Weigand or RS485 communication interface
- Twin LEDs and electronic buzzer provides positive audio-visual feedback to user operations
- Support Mifare™ read/write operations according to ISO/IEC 14443 type A

The AMR-200 series is a complete product family of contactless smartcard readers. The readers range from a simple short-range reader to a full featured reader complete with backlit LCD and keypad, catering to a wide spectrum of applications.

Based on the industry standard Mifare™ technology, each AMR-200 reader incorporates the contactless smartcard technology into a single piece construction and easy to mount packaging. The built-in Weigand communication interface allows straight forward migration from any existing readers into smartcard. The RS485 communication interface option allows full exploitation of the smartcard technology for integration into diverse applications.

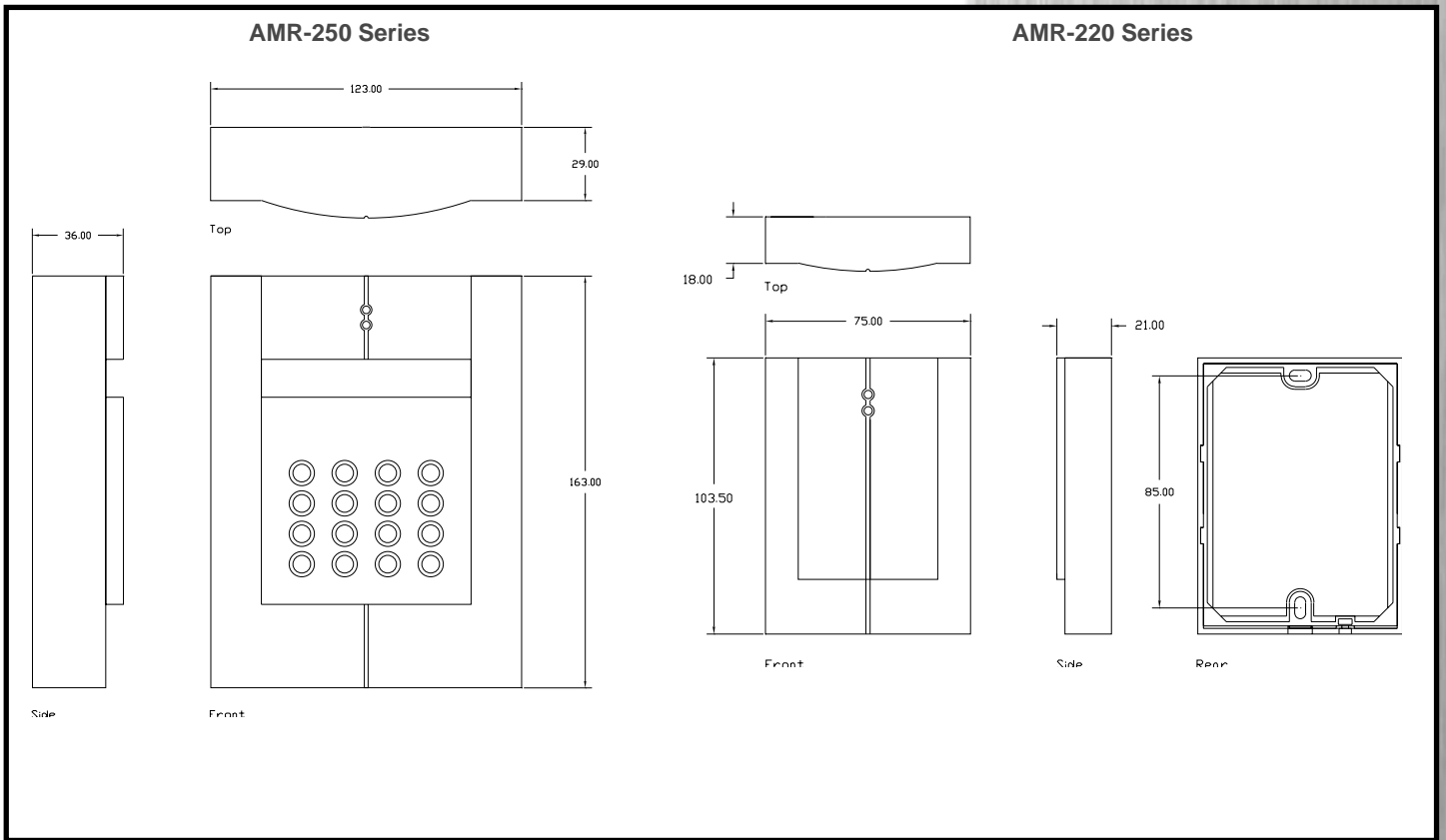
Being contactless will also greatly enhance user convenience and improve operational performance.



ISO 9001:2000 REGISTERED FIRM  
DNV Certification B.V., THE NETHERLANDS  
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## AMR200 Contactless Smartcard Readers

### Ordering Information:

- AMR-221**      Micro Contactless Smartcard reader
- AMR-251**      Standard Contactless Smartcard reader
- AMR-253**      Standard Contactless Smartcard reader with keypad
- AMR-255**      Standard Contactless Smartcard reader with keypad and LCD display

*(Please specify communication interface option i.e. -W for Weigand or -R for RS485)*

SPECIFICATIONS*	AMR-221	AMR-251	AMR-253	AMR-255
Read Range	2" (50mm)	3" (75mm)	3" (75mm)	3" (75mm)
Size (WxHxD)	75x103.5x21mm	123x167.5x36mm	123x167.5x36mm	123x167.5x36mm
Weight	8oz (227g)	15oz (425g)	15oz (425g)	18oz (510g)
LED indicator	Green & Red	Green & Red	Green & Red	Green & Red
Buzzer	Multi-tone	Multi-tone	Multi-tone	Multi-tone
LCD display	-	-	-	2 x 16 Character with Backlit
Keypad	-	-	4 x 4 keys	4 x 4 keys
Communications interface	Weigand or RS485	Weigand or RS485	Weigand or RS485	Weigand or RS485
Input Voltage	12VDC	12VDC	12VDC	12VDC
Current Consumption	150mA at 12VDC Max	250mA at 12VDC Max	250mA at 12VDC Max	400mA at 12VDC Max
Color	Grey	Grey	Grey	Grey
Mounting	Single gang electrical box	Single gang electrical box, Flush mount	Single gang electrical box, Flush mount	Single gang electrical box, Flush mount
Operating Temperature	-20 to 50°C	-20 to 50°C	-20 to 50°C	-20 to 50°C
Termination	12" (30mm) pigtail cable	12" (30mm) pigtail cable	12" (30mm) pigtail cable	12" (30mm) pigtail cable
Option(s)	SAM	SAM	SAM	SAM, Standalone operation

\*Specifications subject to change without notice.

