

AHR200 Proximity Readers

The **AHR200** series is a complete product family of proximity 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.

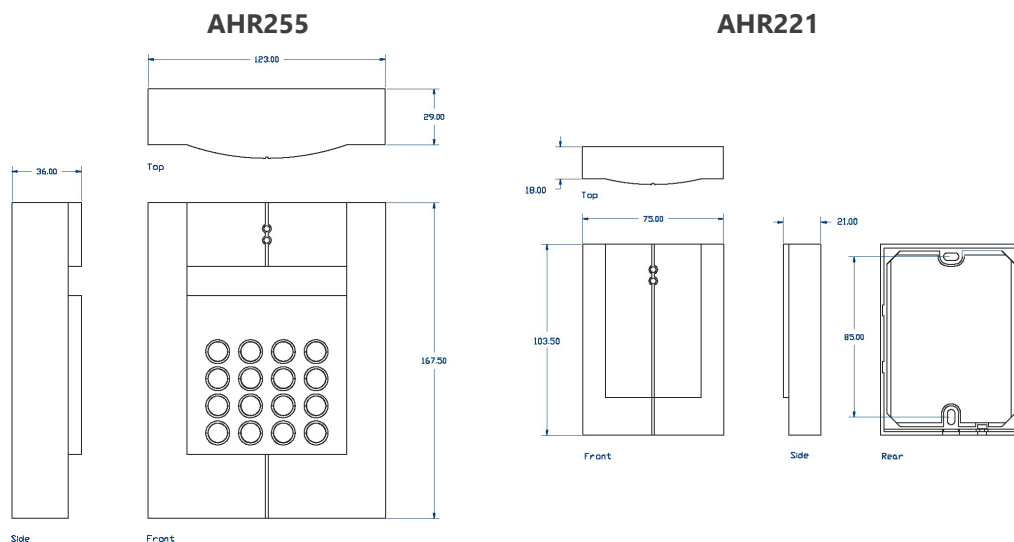
Similar in design to the AMR200 series readers, the **AHR200** readers incorporate proximity technology (that is compatible to HID) into a single piece construction with easy-to-mount packaging.



Key Features

- Proximity technology that is HID-compatible offering operational convenience with security
- Elegant industrial design in beige 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 complete with keypad & LCD
- Flexible data communication options with either Wiegand or RS485 interface
- Twin LED and electronic buzzer provide positive audio-visual feedback to user operations

Mechanical Diagram



Technical Specifications

Specifications*	AHR221W/R	AHR255R
Description	Proximity Reader HID compatible (small)	Proximity Reader HID compatible
Read Range	4"/100 mm	4"/100 mm
Communication Interface	Wiegand, RS485	
LED Indicator	Green/ Red	
Buzzer	Multitone	
LCD Display	-	2 x 16 character with backlight
Keypad	-	4 x 4 keys
Termination	300 mm pigtail cable	
Environmental	Weatherproof	
Mounting	Single gang electrical box	
Color	Beige	
Input Voltage	12 VDC	
Current Consumption	150 mA at 12 VDC max	400 mA at 12 VDC max
Dimensions (H x W x D)	103.5 x 75 x 21 mm	167.5 x 123 x 36 mm
Weight	227 g	510 g
Operating Temperature	0°C to 50°C	0°C to 50°C

*Specifications are subjected to changes without prior notice

Ordering Information

Model No.	Description
AHR221W/R	AHR200 Proximity Reader only (4"/100mm)
AHR255R	AHR200 Proximity Reader w/keypad & LCD (4"/100mm)