

ACCESS200 installation guide

Here's a quick overview of the steps to install an ACCESS200 reader. More detailed instructions are available online – just follow the links or QR codes below.

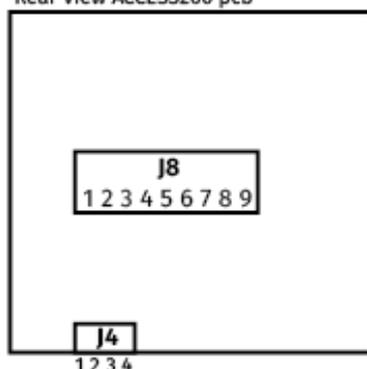
1. Install readers

Mounting guidelines:

- Fix the base part to a single gang box or directly to the mounting surface. Use 3 mm diameter countersunk head screws. Heads must not stand out more than 1 mm from the base surface.
- When using stranded wires, make sure there are no wires outside the cages of the pluggable cage clamp.
- To avoid rain interference, make sure outdoor keypad readers are mounted upright or at a protected spot. Otherwise, ensure they're wiped off if malfunctioning.

Connector and pins:

Connector Pinning
Rear View ACCESS200 pcb



Pigtail cable connection / Molex Pico-SPOX (outdoor/potted versions) stranded, AWG28, power Red&Black AWG 24		
Color	Connector pin #	Signal/funct.
White/Orange	1	WIE_D0/RS485A
Orange	2	WIE_D1/RS485B
White/Green	3	LEDGN
Green	4	LEDRD
Red/White	5	USB Data -
Black/White	6	USB Data +
Red	7	+VIN
Black	8	GND
White/Blue	9	GND

J8 Pluggable cage clamp (indoor versions)	
Pin #	Signal/funct.
J8-1	GND
J8-2	+Vin
J8-3	WIE_D0/RS485A
J8-4	WIE_D1/RS485B
J8-5	LEDGN
J8-6	LEDRD
J8-7	REL_WC
J8-8	REL_NO

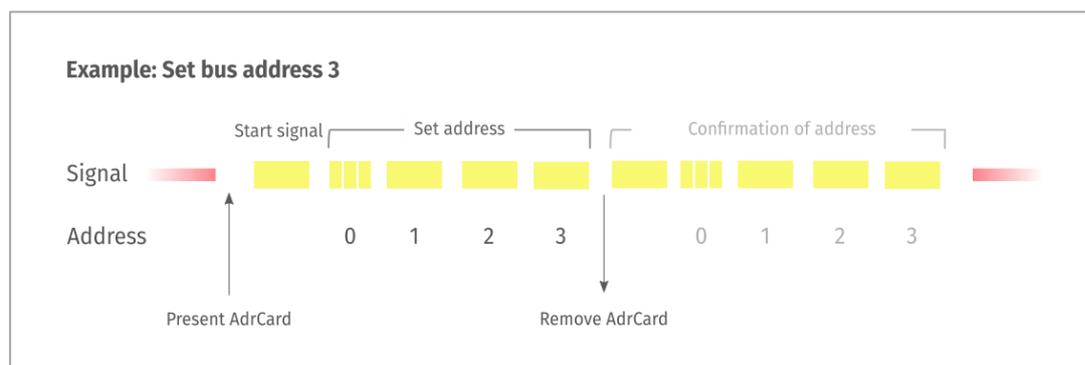
Blue	10	REL_WC
White/Brown	11	REL_NO
Brown	12	REL_NC

J8-9	REL_NC
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2. Set bus address

When using a bus protocol (e.g. OSDP), set a bus address for each reader: Place a BALTECH AdrCard in front of the reader and wait for the signal indicating the desired address.

Note: If the readers are already configured, make sure the **reader housing (i.e. the tamper switch) is open** when setting the bus address.



Learn more here:
docs.baltech.de/bus-address
or scan the QR code.

3. OPTIONAL: Test reader functionality

By default, the readers will now read any card's UID (serial number) and transmit it to the host system. You can make use of this behavior to check if the readers are up and running: Use a test card and configure the host system temporarily to accept this card's UID.

4. Deploy configuration

If you have a BEC file, deploy it via USB using our Windows tool BALTECH Uploader. If you have a BALTECH ConfigCard, present it to the reader and wait for yellow and green signals.



Learn more here:
docs.baltech.de/deploy
or scan the QR code.

5. Test configuration

Use a test project card to test the configured readers. Make sure the host system is now configured for live operations. If something doesn't work, get back to your project manager to troubleshoot the configuration.

Support

Got stuck? We're happy to help:

+49 811-99881-0 | support@baltech.de