

Ordering Guide

Post Mount Readers

BAI Part Number	Description
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BA-220	Outdoor Barcode Reader, 115 VAC input, 26 bit Wiegand and RS232 Communications, ETL Listed.
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BA-220-24	Outdoor Barcode Reader, 24VDC input (2.5A), 26 bit Wiegand and RS232 Communications, ETL Listed.
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Wall Mount Readers

BAI Part Number	Description
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BA-220-E	Outdoor Barcode Reader, 115 VAC input, Wiegand and RS232 Communications.
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BA-220-24-E	Outdoor Barcode Reader, 24VDC input (2.5A), Wiegand and RS232 Communications.
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No Ears
(Standard)



Mounting Ears



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Optional Features for BA-220 DualBeam

BAI Part Number	Description
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BA-220-OPT-L	<p>Loop input option for attaching loop detector to reader. Note that you must provide the loop and detector; this option is a switch contact input only.</p> <p>When loop detector option is added to reader, there are two advantages:</p> <ul style="list-style-type: none">(1) Laser can be turned off until the loop is activated by a vehicle.(2) Reader will transmit “No Read” message for any vehicle that passes by and a barcode decal is not detected.
BA-220-OPT-G	<p>Good Read/Open Gate Option is a relay contact output that is required for Standalone operation. This relay output will close depending on the Reader configuration:</p> <ul style="list-style-type: none">(1) If reader is operating in normal mode, the relay will close when the unit reads any decal successfully.(2) If Reader is operating in Standalone mode the relay will only close when a decal is read and verified as having access in the onboard access table.
BA-220-OPT-N	<p>No Read/Alarm Option is a relay contact output. This relay will close depending on the Reader configuration:</p> <ul style="list-style-type: none">(1) If reader is operating with a loop input, the relay will close if the unit fails to read any vehicle successfully.(2) If Reader is operating in Standalone mode the relay will only close when a decal is read but is not verified as having access in the onboard access table.

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Accessories

BAI Part Number	Description
BA-220-MP	Mounting Post and Top Plate for the BA-220.
DESI-PAK	Desiccant pack and humidity indicator to control moisture inside the BA-220.
OPTI-PAK	Optical Cleaning kit for BAI Readers.
BA-220-COM	6' Communication cable used between the BA-220 and a computer.
BA-220-EXT-24	External 24VDC power supply for the BA-220-24. Turns 115VAC input into 24VDC output @ 2.5A to run the BA-220-24 DualBeam Barcode Reader.

Replacement Parts

BAI Part Number	Description
BA-220-DEC	New BA-220 DualBeam Decoder Module.
BA-220-MB-115	New 115VAC Mainboard for the BA-220 DualBeam.
BA-220-MB-24	New 24VDC Mainboard for the BA-220 DualBeam.
BA-220-PSM-115	New 115VAC Power Supply Module Only.
BA-220-PSM-24	New 24VDC Power Supply Module Only.
BA-220-BOX	New BA-220 Aluminum enclosure Only, no electronics.
BA-220-E-BOX	New BA-220 Aluminum enclosure Only, no electronics.
BA-SSM-115	New 115VAC Surge Suppressor Module.

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Barcode Decals for BAI Readers

The “**” in the part numbers shown below is where the color code for the decal is entered.

BAI Part Number	Description
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BA-L85-**-25	Standard BAI-10 decal, 3.75” x 2.5”. Reads up to 6’. Use for new installations with BAI reader.
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BA-L85-**-25D	Duplex BAI-10 decal, 3.75” x 2.5”. Reads up to 6’. Use for new installations with BAI reader. Has two barcodes; one for the BA-220, a second smaller bar code for handheld scanner devices.
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BA-L85-**-675	Large decal, 7.0” x 3.75”. Reads up to 12’. Use on large trucks for new installations with BAI reader.
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BA-L75-**-25	Standard BAI-8 decal, 3.75” x 2.5”. Reads up to 6’. Use only on sites using the BAI-8 decal format.
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BA-L75-**-25D	Duplex BAI-8 decal, 3.75” x 2.5”. Reads up to 6’. Use only with existing sites.
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BA-L75-**-675	Large decal, 7.0” x 3.75”. Reads up to 12’. Use only with existing sites.
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Barcode Cards for BAI Readers

BAI Part Number	Description
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BA-L85-**-CD1	Barcode BAI-10 format card, 3.9” x 2.6”. Use only for new installations.
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BA-L75-**-CD1	Barcode BAI-8 format card, 3.9” x 2.6”. Reads up to 6’. Use only with existing sites.
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Barcode Decals for Industrial Scan (ISI) Scanners

BAI Part Number	Description
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BA-L75-BW-30	Black on White decal, 3.75" x 3.0". Reads up to 6'. Use for sites with ISI scanner.
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BA-L75-BB-30	Black on Black decal, 3.75" x 3.0". Reads up to 6'. Use for sites with ISI scanner.
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Barcode Decals for AFC Scanners

BAI Part Number	Description
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BA-L49-BW-23	Black on White decal, 3.75" x 2.5". Reads up to 6'. Use with AFC scanner.
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Barcode Decals for Accu-Sort Scanners

BAI Part Number	Description
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BA-L65-BW-23	Black on White decal, 3.3" x 2.3". Reads up to 6'. Use with Accu-Sort scanner.
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BA-L65-BB-23	Black on Black decal, 3.3" x 2.3". Reads up to 6'. Use with Accu-Sort scanner.
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