

**Chicago**

P.O. Box 1196

Bridgeview, IL 60455

url: <http://www.futuredesigncontrols.com>

Phone: 888.751.5444

Technical: 866.342.3255

Office Fax: 888.245.2883



## PR Paperless Recorders Expansion Slot and Module type Use

PR Series expansion slots will accept input or output card combinations based upon the model part number matrix. Below is description of each module type that may be inserted into a PR expansion slot.

- AI = 3 or 6 Analog Input
- DI = 8-Digital Input\*
- DO = 9-Digital Output\*
- AO = 6-Analog Output (PV Retransmission)

\* A combination DI/DO module is available with 3-DI & 3-DO each but for this document is not specified as an IO type.

### PR Series Module Slot Usage per Model

**PR10 has 4 slots:**

- The first 3 slots are active; slot 4 is not used.
- Slot 1 accepts 3 or 6 channel AI
- Slots 2 & 3 used for DI/DO modules.

**PR20 has 4 slots:**

Depending upon the number of AI specified in the matrix

- Slots 1, 2, 3, & 4 may be used in sequential order for combinations of 3, 6, 12, 18 & 24 AI with the latter consuming all 4-slots.
- Any remaining open slots may be used for DI, DO & AO modules.

**PR30 has 16-slots.**

- AI modules may be inserted into slots 1-8 supporting up to 48 AI-channels (6AI/module).
- DI/DO/AO modules may be inserted after AI cards in any open slots ranging from 2-16.

**Graphics of PR10/20 rear view where slots are inserted, module slide view and IO modules are on the following pages.**

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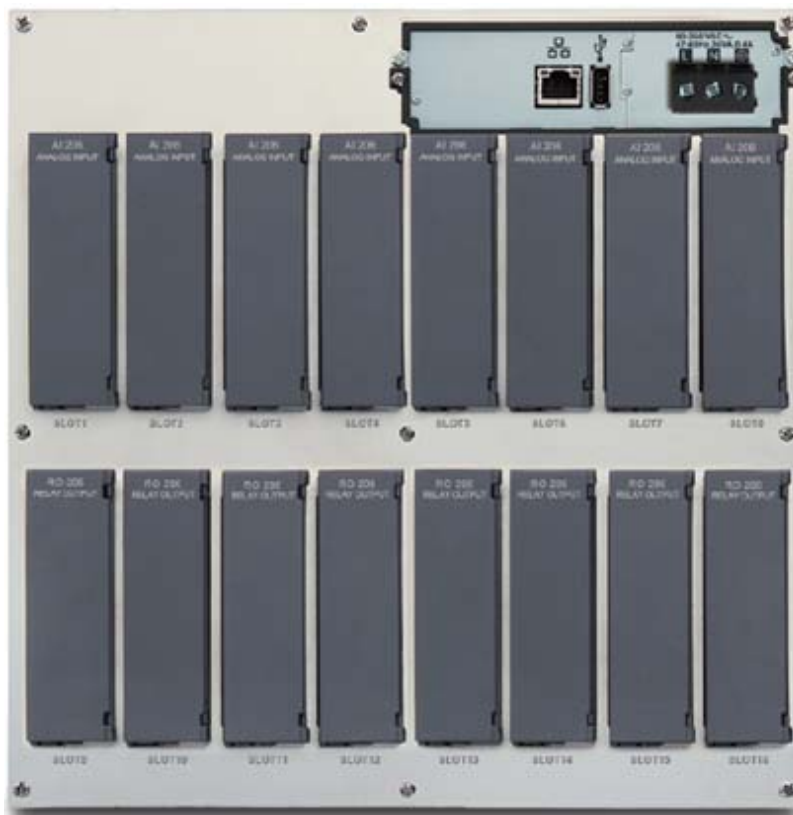
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**PR10 & PR20 rear view of 4 slots, all of which are active for the PR20 and only the first 3 for the PR10**



**PR30 Rear view of 16 module slots**



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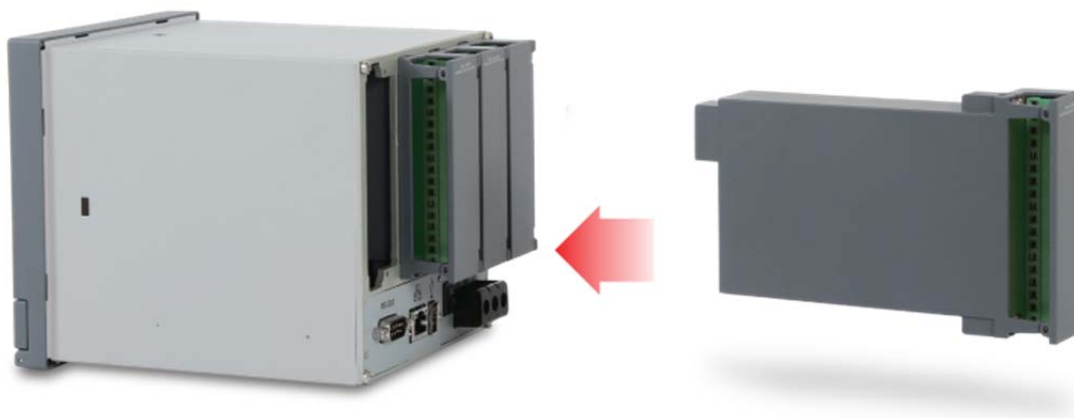
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**Depiction of slide in IO Modules**



**Note: refer to the User Manual for directions on inserting and removing IO modules**

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**Listing of PR Paperless Recorder IO cards**

