

To convert the PlateCrane to use the Parallel Gripper Option (Random Access Option) requires the use of the SETCONFIG firmware command:

SETCONFIG config_pattern

SETCONFIG will set the PlateCrane options present on this PlateCrane. Each bit of the configuration pattern indicates an option.

- 0 Rotary Gripper
- 1 EX Arm
- 2 Parallel Gripper
- 3 PlateCrane E Series (will be set regardless of indicated value)

Example:

| | |
|-----------|----------------------|
| Command: | SETCONFIG 11<13><10> |
| Response: | 00<16><13><10> |

To add the Parallel Gripper Option:

1. Connect to the crane using HyperTerminal or similar software. The PlateCrane uses 9600 baud, 8 data bits, no parity, and 1 stop bit.
2. Press the Enter key to send a Carriage Return and Line Feed pair to the PlateCrane. If proper communication exists, the response code 01 will be returned.
3. Enter the command: SETCONFIG 15 <enter>. The PlateCrane should respond with the response code 00 indicating success.

To remove the Parallel Gripper Option:

1. Connect to the crane using HyperTerminal or similar software. The PlateCrane uses 9600 baud, 8 data bits, no parity, and 1 stop bit.
2. Press the Enter key to send a Carriage Return and Line Feed pair to the PlateCrane. If proper communication exists, the response code 01 will be returned.
3. Enter the command: SETCONFIG 11 <enter>. The PlateCrane should respond with the response code 00 indicating success.