

# Honeywell IPC620 PLC

## Information Sheet for Crimson v2.0

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### Compatible Devices

- Honeywell IPC620 Controllers

### Verified Device

- 620 - 1536

### Driver Selection

There are two selections available for connecting to the IPC620. One is via a CIM card in the rack. The other is via the Loader/Terminal port on the processor card. The selection is made using the drop-down list in "Port Selection" in the Communications menu.

### Accessible Data

Mnemonic	Description
D	Data Registers
I	I/O and Internal Registers

Both selections retrieve 16 bits of data from the address specified.

Note: Not all addresses are valid in all models. The specifications for the processor to be used must be consulted.

The architecture of the PLC is such that communications affect the speed of the ladder logic execution. Therefore, the driver is configured to maintain at least 200 milliseconds between individual register requests.

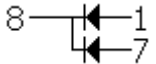
## Cable Information

### RS422 Serial Connection

#### CIM Connection – DB25M

CIM	Signal Name	G3
21	RCV+ << TxB	1
22	RCV- << TxA	2
15	XMIT- >> RxA	3
14	XMIT+ >> RxB	4
7	Signal Ground	6

#### Loader/Terminal Port – DB9M

L/T Port	Signal Name	G3
4	RCV+ << TxB	1
6	RCV- << TxA	2
9	XMIT- >> RxA	3
3	XMIT+ >> RxB	4
5	Signal Ground	6
2 -- 5	+LTC = Ground	None
	-LTC > 2.4 Volts	None