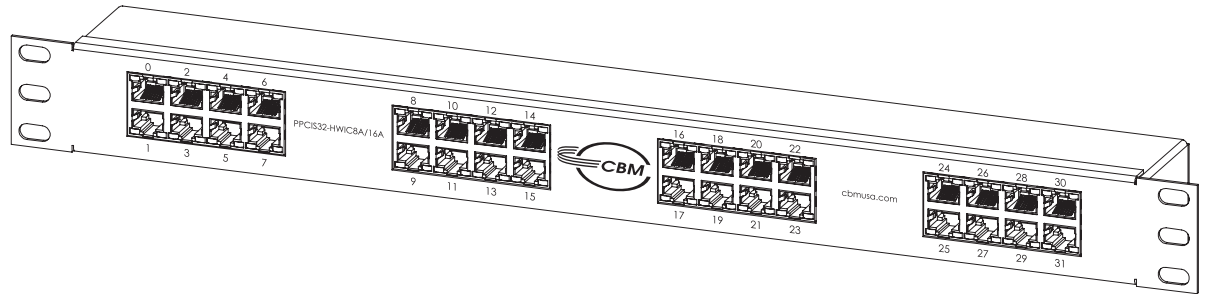




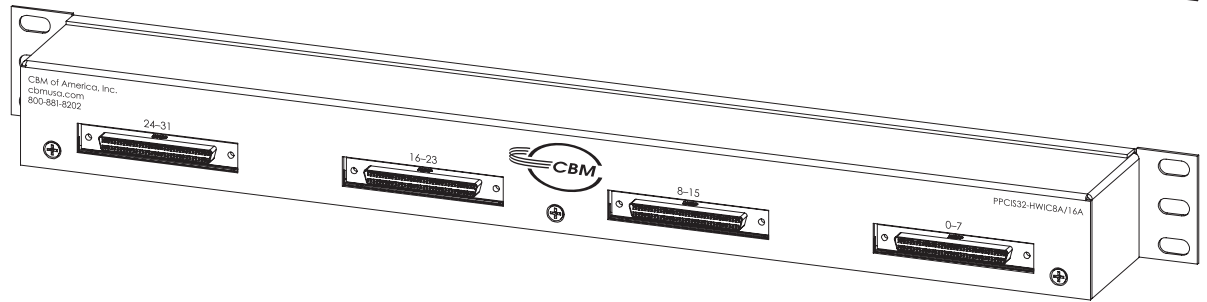
# PPCIS32-HWIC8A/16A

4x8-port RJ-45 patch panel for Cisco HWIC8A/16A cards

FRONT VIEW:

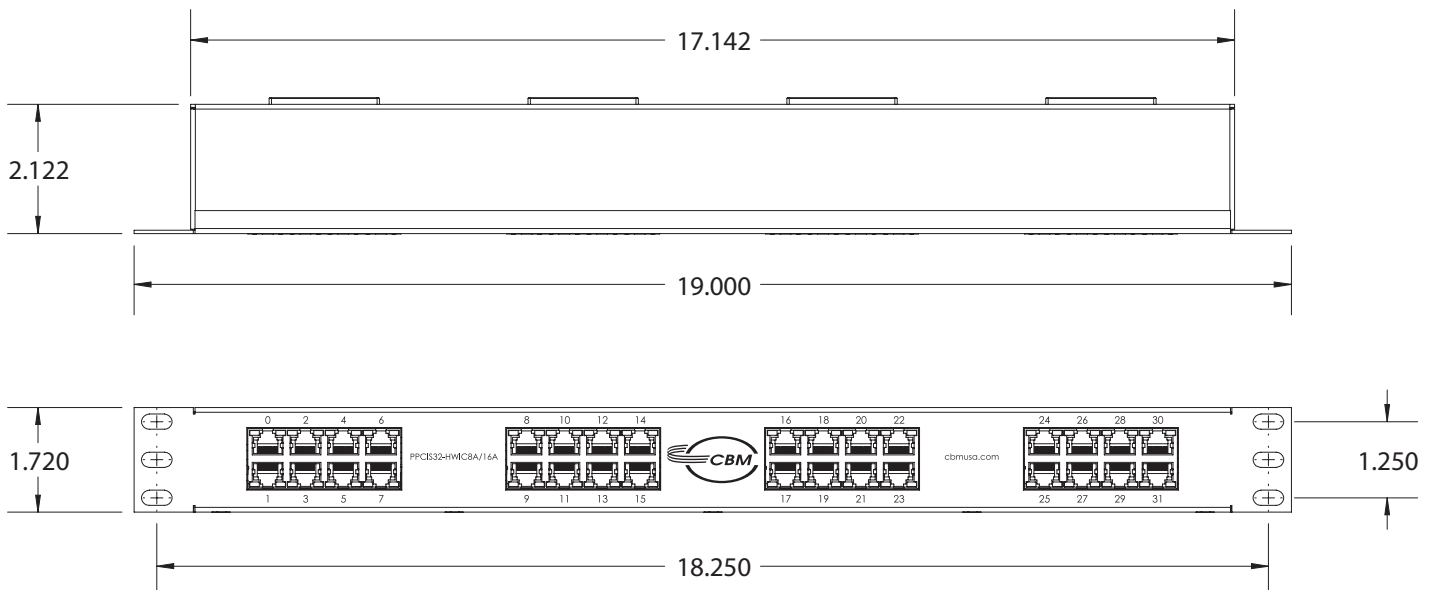


REAR VIEW:



CBM of America's PPCIS32-HWIC8A/16A separates four connections from Cisco HWIC8A/16A cards into eight asynchronous DCE-pinned RS-232 ports each. It accepts HWIC connections over 68-pin female D-subminiature (.05 inch pitch) connectors and provides RS-232 over 8-pin modular RJ-45 jacks. The PPCIS32-HWIC8A/16A indicates transmit and receive traffic for each port with LEDs visible from the front of the patch panel. It occupies one RU in a 19-inch rack.

## Physical Layout and Dimensions



## Pinout

The following table contains pinout information for a single HWIC port on the PPCIS32-HWIC8A/16A. All HWIC ports are pinned identically; only the RJ-45 port number changes (8–15, 16–23, 24–31 rather than 0–7). Shield grounds are tied together for each HWIC connector and its corresponding 8-port block of RJ-45s.

HWIC Pin	Signal Name	Direction	RJ-45 Port	RJ-45 Pin	HWIC Pin	Signal Name	Direction	RJ-45 Port	RJ-45 Pin
34	GND	—			67	GND	—		
68	GND	—			65	GND	—		
4	RTS	←	0	1	18	RTS	←	4	1
3	DTR	←		2	17	DTR	←		2
38	TXD	←		3	52	TXD	←		3
36	GND	—		4	50	GND	—		4
36	GND	—		5	50	GND	—		5
7	RXD	→		6	21	RXD	→		6
8	DSR	→		7	22	DSR	→		7
41	CTS	→		8	55	CTS	→		8
37	RTS	←	1	1	51	RTS	←	5	1
5	DTR	←		2	19	DTR	←		2
39	TXD	←		3	53	TXD	←		3
2	GND	—		4	16	GND	—		4
2	GND	—		5	16	GND	—		5
6	RXD	→		6	20	RXD	→		6
40	DSR	→		7	54	DSR	→		7
42	CTS	→		8	56	CTS	→		8
11	RTS	←	2	1	25	RTS	←	6	1
10	DTR	←		2	24	DTR	←		2
45	TXD	←		3	59	TXD	←		3
43	GND	—		4	57	GND	—		4
43	GND	—		5	57	GND	—		5
14	RXD	→		6	28	RXD	→		6
15	DSR	→		7	29	DSR	→		7
48	CTS	→		8	62	CTS	→		8
44	RTS	←	3	1	58	RTS	←	7	1
12	DTR	←		2	26	DTR	←		2
46	TXD	←		3	60	TXD	←		3
9	GND	—		4	23	GND	—		4
9	GND	—		5	23	GND	—		5
13	RXD	→		6	27	RXD	→		6
47	DSR	→		7	61	DSR	→		7
49	CTS	→		8	63	CTS	→		8