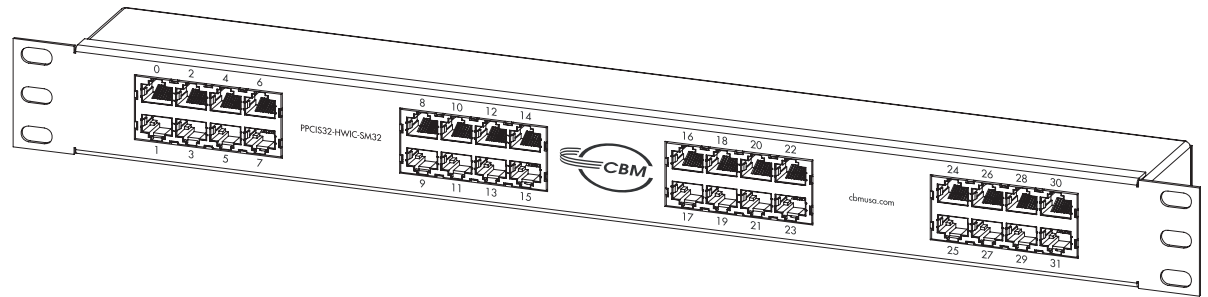




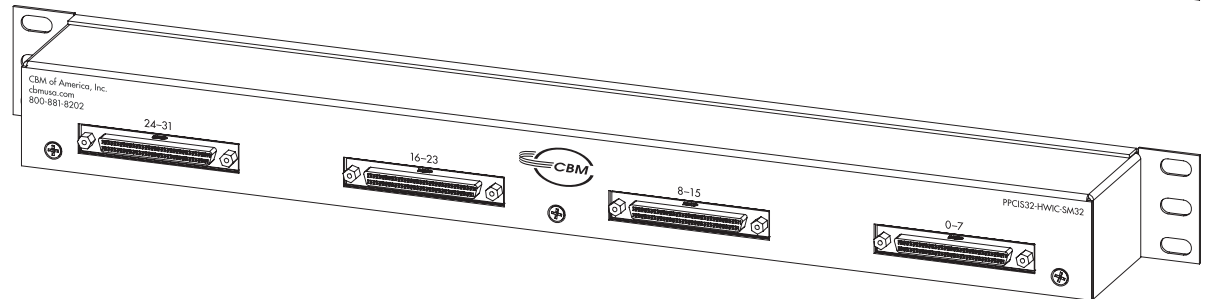
PPCIS32-HWIC-SM32

4x8-port RJ-45 patch panel for Cisco HWIC8A/16A cards in SM-32 service modules

FRONT VIEW:



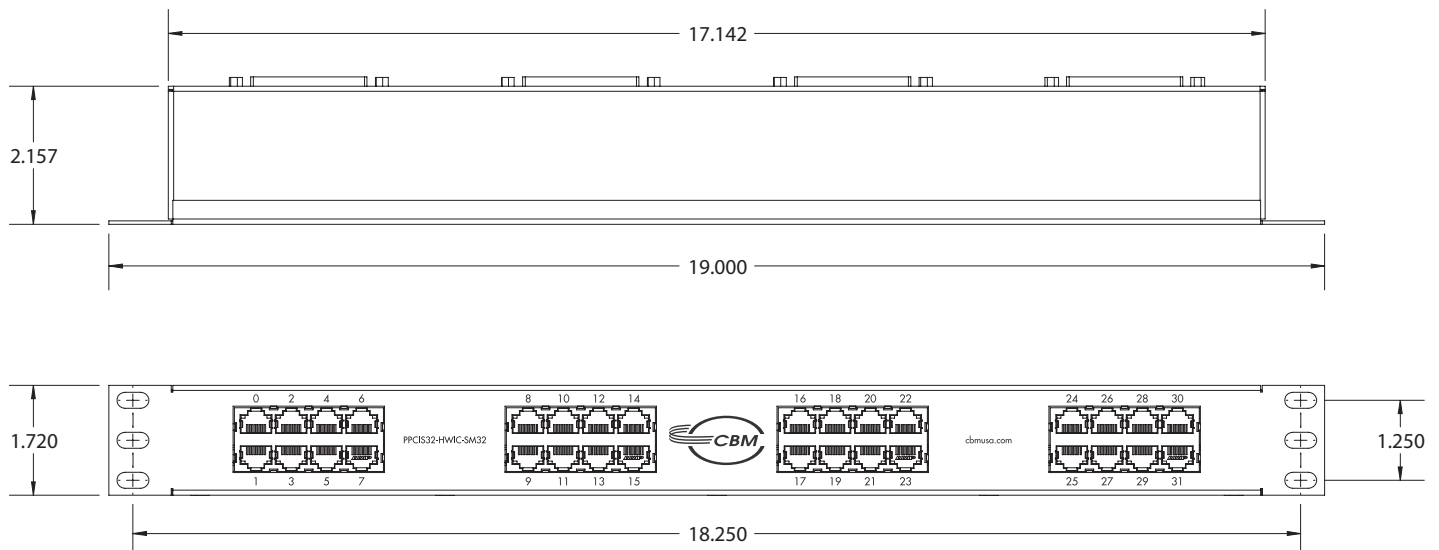
REAR VIEW:



CBM of America's PPCIS32-HWIC-SM32 separates four connections from Cisco HWIC8A/16A cards into eight asynchronous DTE-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. It occupies one RU in a 19-inch rack.

The patch panel circuit includes ferrite beads on all TXD and RXD leads to prevent noise from compromising operation of the SM-32 module when used with longer cables.

Physical Layout and Dimensions



Pinout

The following table contains pinout information for a single HWIC port on the PPCIS32-HWIC-SM32. All HWIC ports are pinned identically; only the RJ-45 port number changes (8–15, 16–23, 24–31 rather than 0–7).

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