

SpectraPort™

Universal Media Interface

Seamless Multimedia Connectivity

Applications

- Media Players
- PDAs
- Cell Phones
- Set Top Boxes
- Docking Cradles

Features

- Ultra-Compact Docking Connector
- High Definition Video
 - HDMI 1.3c
 - Display Port
- Audio In/Out
- USB/Ethernet Interfaces
- SpectraMax™ Port Expander
- Bluetooth® Compatibility



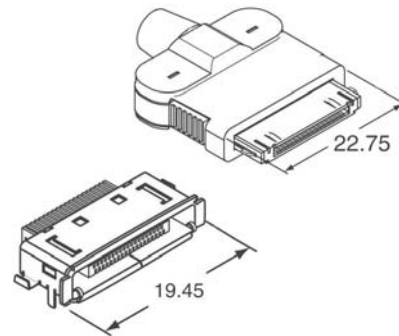
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SpectraPort™ Features

SpectraPort™

- Universal Physical Connector Interface
- Bluetooth® Wireless Interface

Table 1 Key	SpectraMax™(Reconfigurable)
Power	-
USB	✓
HD Digital Video	✓
Ethernet	✓
Audio	✓



- **Command Protocols** – Remote Control, Data Transfer
 - Wired Channels –USB/Ethernet
 - Wireless Channels – WiFi/Bluetooth®
 - IR Remote via USB – HID Commands
 - HD Audio – S/PDIF
- **SpectraMax™ Pinout** – Software Configurable
 - Alternate display output reconfigures TMDS Port to Display Port configuration.
 - Hardware may be reconfigured for supported mating devices.
- **Open Standard** – Royalty Free License

Pin No.	Description
1	DC Power GND
10	DC Power IN (+24V)
11	DC Power IN (+24V)
19	Cradle Power (+5V)
20	DC Power GND
23	USB Power (+5V)
26	Ethernet GND
29	HDMI Power (+5V)
2	USB 1+
3	USB 1-
21	Control USB-
22	Control USB+
36	USB 2-
37	USB 2+
4	TMDS DATA 2 Shield
5	TMDS DATA 2+
6	TMDS DATA 2
7	TMDS DATA 1 Shield
8	TMDS DATA 1+
9	TMDS DATA 1
12	TMDS DATA 0+
13	TMDS DATA 0
14	TMDS DATA 0 Shield
15	TMDS Clock+
16	TMDS Clock
17	TMDS Clock Shield
18	CEC
32	Hot Plug Detect
39	SCL
40	SDA
24	Ethernet RX+
25	Ethernet RX-
27	Ethernet TX+
28	Ethernet TX-
30	Audio IN Left
31	Audio IN Right
33	Audio Out Left
34	Audio Out Right
35	Digital Audio Out - S/PDIF
38	Audio Ground