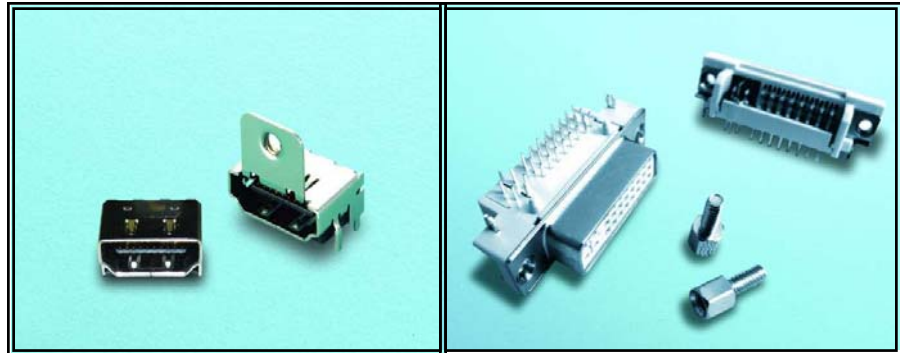


HDMI and DVI Connectors



PalCONN, the Interconnect Division of PalPilot, offers HDMI and DVI Connectors

Applications

- Set-Top Boxes
- Digital TV's
- Laptop/PC's
- Mobile Phone
- HD-DVD players
- Blue-ray players
- Camcorders
- Video game consoles
- Video projectors
- Automotive

Data Rates

- HDMI 10.2Gbit/s
- DVI 3.96Gbit/s

Features HDMI/DVI

- Audio/Video interface
- Hot Pluggable
- Pin compatible
- Signal compatible
- Energy Star options

HDMI Connectors

Type A, 19pin, 1.0 spec

Type B, 29pin, 1.0 spec

Mini-HDMI Connectors

Type C, 19pin, 1.3 spec

Micro-HDMI Connectors

Type D, 19pin, 1.4 spec

Type E, 19pin, 1.4 spec

HDMI Standards

1.0 to 1.2a = CEA-861-B

1.3+ = CEA-861-D

HDMI (High-Definition Multimedia Interface) is a compact Audio/Video interface for transmitting uncompressed digital data. It represents a digital alternative to consumer analog standards. HDMI is electrically compatible with the signals used by DVI.

There are five HDMI connector types. Type A and B are defined by 1.0 spec. Type C is defined by 1.3 spec. Type D and E are defined by 1.4 spec.

Mini-HDMI connectors are used in portable devices, and Micro-HDMI are used in low profile equipment including automotive applications. They are similar in size to Micro-USB connectors.

DVI (Digital Visual Interface) is designed for carrying uncompressed digital video data to a display. DVI is mostly compatible with HDMI. The difference is that DVI typically carries no audio data in its TMDS channel. DVI is the only widespread video standard that includes analog and digital transmission options in the same connector.

DVI connectors on a device typically have four names:

- DVI-D (digital only)
- DVI-A (analog only)
- DVI-I (digital and analog)
- MI-DA (digital & analog, & USB)

For standard product details, refer to online data sheet, or contact PalCONN.



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