

Mobile group drafts phone-camera specs

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An industry group Wednesday released two new specifications for next-generation camera phones.

The Mobile Industry Processor Interface Alliance said the specs would speed up the development of new devices by reducing component development time and increasing interoperability of processors and sensors.

The New Jersey-based organization predicted eventual attainment of performance above 10 pixels.

The Camera Serial Interface 2 spec solves interconnection challenges through a scalable interface between the camera and application processors. Known as CSI-2, the spec is based on a low-pin-count, low-bandwidth serial interface that will accommodate a higher data rate.

The second spec, D-PHY, involves the "physical layer" of the phone that holds the interfaces and is based on 1.2-volt power supply and handles a wide range of anticipated semiconductor technologies.

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