



To: IEEE 1722 WG Leadership

MIPI Alliance Camera Working Group (CWG) wishes to make a document request to the IEEE 1722 Working Group (WG) for the purpose of exploring the transport of the MIPI CSI-2 protocol over IEEE 1722 using the proposed 1722b Generic Image Sensor format. In addition, MIPI Alliance would like to jointly evaluate possible appropriate reference to MIPI CSI-2 in the IEEE Standard, consistent with IEEE policies.

For background, on August 10, 2022, the MIPI Board approved the native transport of the CSI-2 protocol over Wi-Fi optionally using IEEE 1722 standards. A copy of the Board's direction is attached to this message. The MIPI Board communication does not authorize or approve the use of MIPI CSI-2 natively over any IEEE 802.x PHY other than 802.11. Questions or comments regarding the MIPI Board communication can be addressed directly to MIPI Alliance ([admin@mipi.org](mailto:admin@mipi.org)).

The proposal from MIPI CWG is as follows:

1. CWG requests access to the IEEE 1722b Generic Image Sensor (GIS), I2C, and Generic Byte Bus (GBB) drafts. These documents shall be stored in a password protected MIPI members-only area for CWG evaluation.
2. CWG will evaluate the suitability of the formats described in the above drafts for the purpose of transporting image and control data in accordance with the CSI-2 protocol. At this time, CWG is not requesting IEEE 1722 WG to make any changes to 1722b standards to accommodate MIPI CSI-2. The goal is to minimize work for everyone by using the formats as-is.
3. CWG will determine with IEEE 1722 TG how to reference IEEE 1722 standards in appropriate MIPI specifications.
4. CWG will discuss with IEEE 1722 TG what is required in order to enable IEEE 1722 standards to reference appropriate MIPI specifications consistent with IEEE policies.

If this agreeable, then please let me know how you prefer to proceed. I would suggest a short call between the IEEE 1722 WG officers and MIPI CWG leadership to determine the next steps.

Thank you,

**MIPI Alliance**

c/o IEE-ISTO

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