

# IEEE 802.3 Ethernet for Automotive Imaging Sensors (ISAAC) Study Group Closing Report

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# IEEE 802.3 ISAAC Study Group

## Study Group information

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### Study Group Organization

Jon Lewis, Chair

George Zimmerman, Recording Secretary

Natalie Wienckowski, Chief Editor

### Study Group charter

Move that the IEEE 802.3 Working Group request the formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for an electrical physical layer specification and related functionality of a client optimized for automotive end-node cameras

### Study Group web and reflector information

Reflector information: <https://www.ieee802.org/3/ISAAC/reflector.html>

Home page: <http://ieee802.org/3ISAAC/index.html>

# IEEE 802.3 ISAAC Study Group

## Activities this week

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Met Tuesday 13h00 – 17h00; Wednesday 08h00-12h00

Major items discussed, decisions made and actions

PAR & CSD items were discussed with consensus on most items

There is still discussion ongoing concerning >10 Gb/s.

CSD: Only Technical Feasibility remains under discussion related to >10 Gb/s

PAR Scope: Max data rate remains open

Objectives

Approved several key Objectives including 2.5 Gb/s, 5 Gb/s and 10 Gb/s data rates over the link segments

Approved supporting both balanced-pair cabling and unbalance coaxial cabling

## WG Motion

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Move that the IEEE 802.3 Working Group request the re-chartering of the Ethernet for Automotive Imaging Sensors Study Group.

M: Jon Lewis on behalf of the Study Group

Technical  $\geq 75\%$

Y: N: A:

# IEEE 802.3 ISAAC Study Group Future Meetings

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## Interim Teleconferences:

December 13, 2024: 08h00-10h00 CDT

January 9, 2024: 08h00-10h00 CDT

February 7, 2024: 08h00-11h00 CDT (contingent)

(last day to submit for pre-circulation for the March plenary)

January 802.3 January meeting series (Registration fee  
Required)

NOTE: Dates to be sent via the reflector and meeting  
coordinates will be on the [802.3 Call and Mtg Calendar](#)

Questions?

Thank you!