Techpoint

Brief Product Introduction

2026

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HD-TVI Features

- Transmission Distance ~800M
- Zero Latency Lossless Clarity
- UP to 4K Resolution
- Support All HD Analog Format
- 2-Way Coaxial Audio

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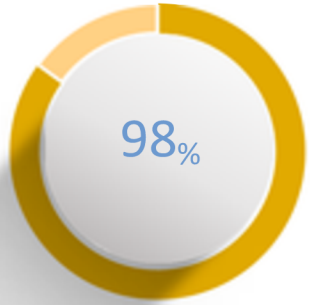
Analog HD Surveillance Market	Car DVR Market	Automotive Aftermarket Infotainment Market	Media Rearview Mirror Market



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Techpoint HD-TVI Solutions in Automotive Applications

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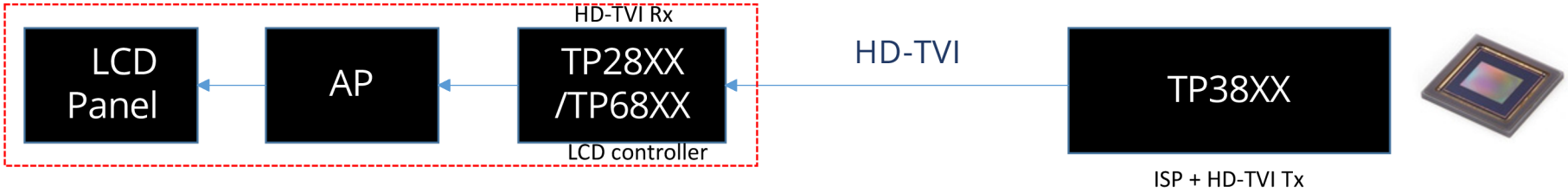
Car Monitor / AVN (Audio Video Navigation)



TP28XX : HD-TVIRx

TP68xx : LCD Controller

TP38XX : ISP + HD-TVI Tx with RGB/MIPI Input, HDR / DeWarping/ 3DNR

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AVM (Around View Monitoring)

LCD Panel

AP

TP99XX /28XX

HD-TVIRx

HD-TVI

TP38XX

TP38XX

TP38XX

TP38XX

ISP + HD-TVI Tx

TP99XX/TP28XX: HD-TVI Rx with DVP & MIPI output

TP38XX : ISP + HD-TVI Tx with RGB/MIPI Input, HDR/DeWarping/3DNR

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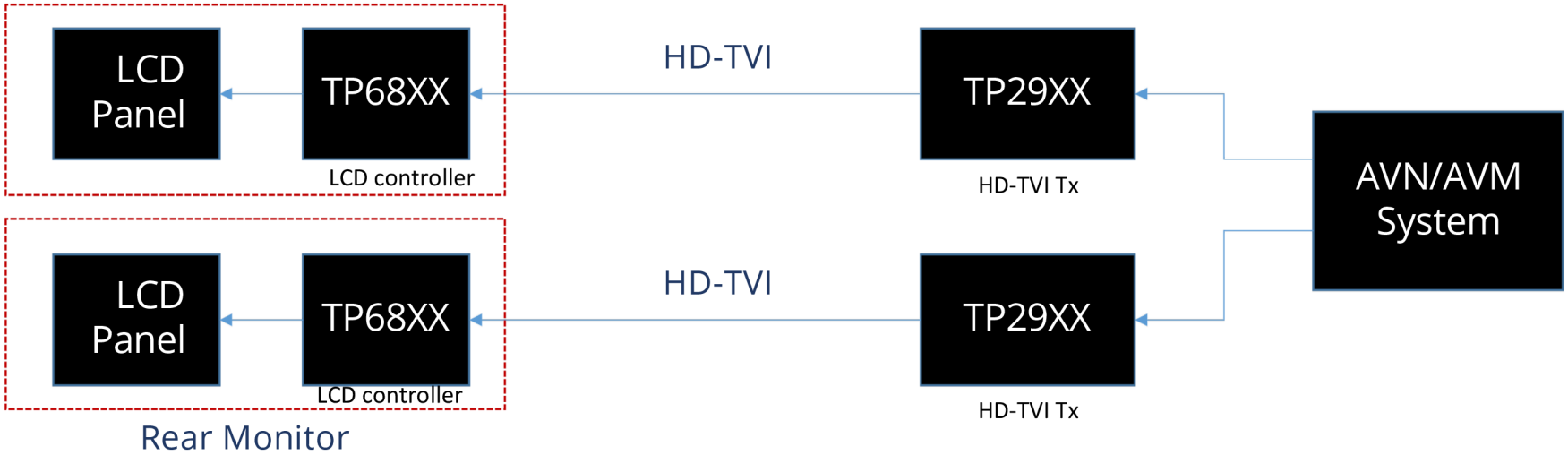
RSE (Rear Seat Entertainment)



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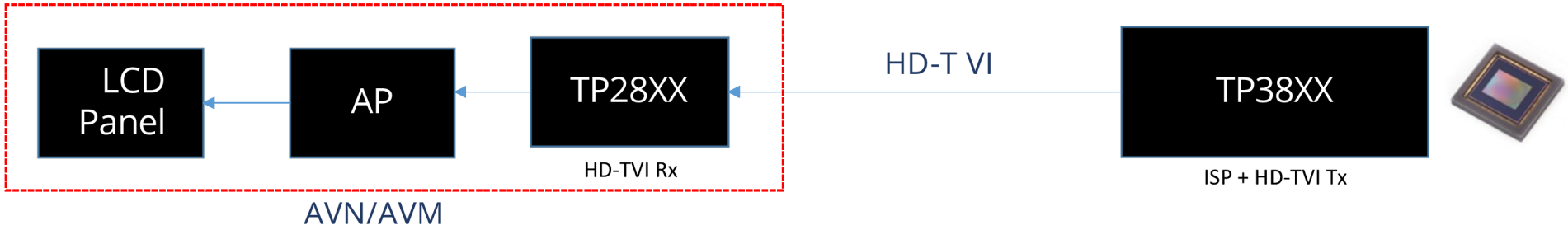
DMS (Driver Monitoring System)



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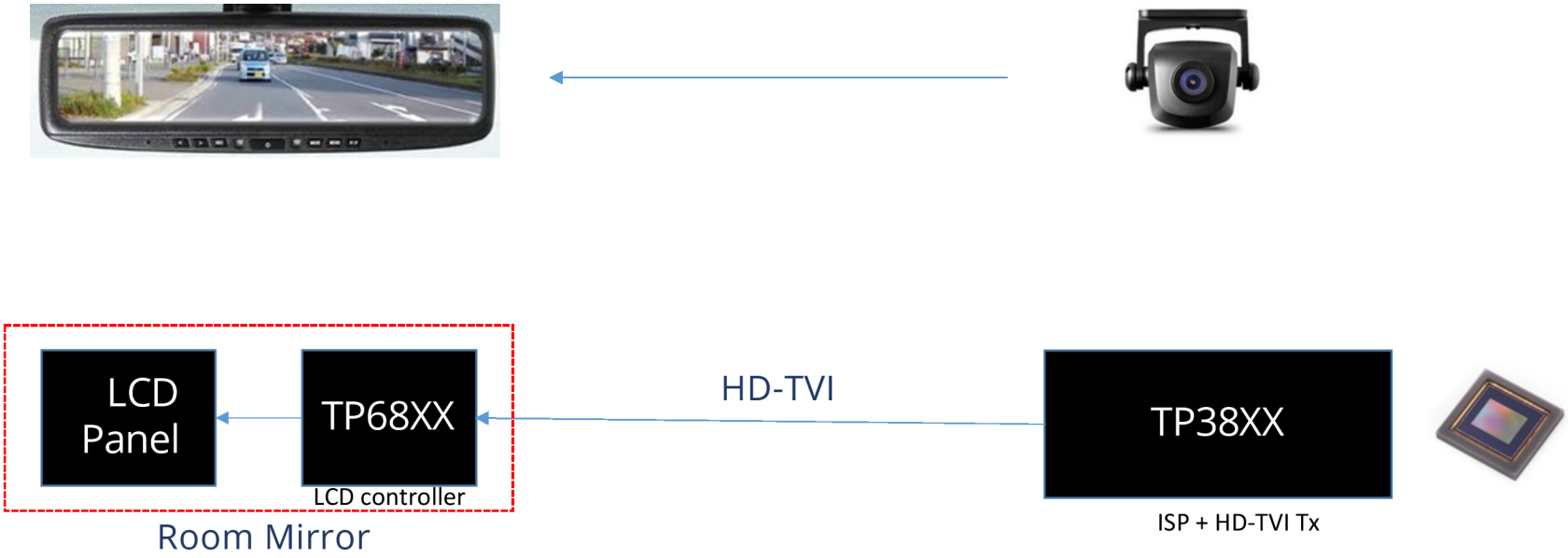
E-Mirror : **Room** Mirror



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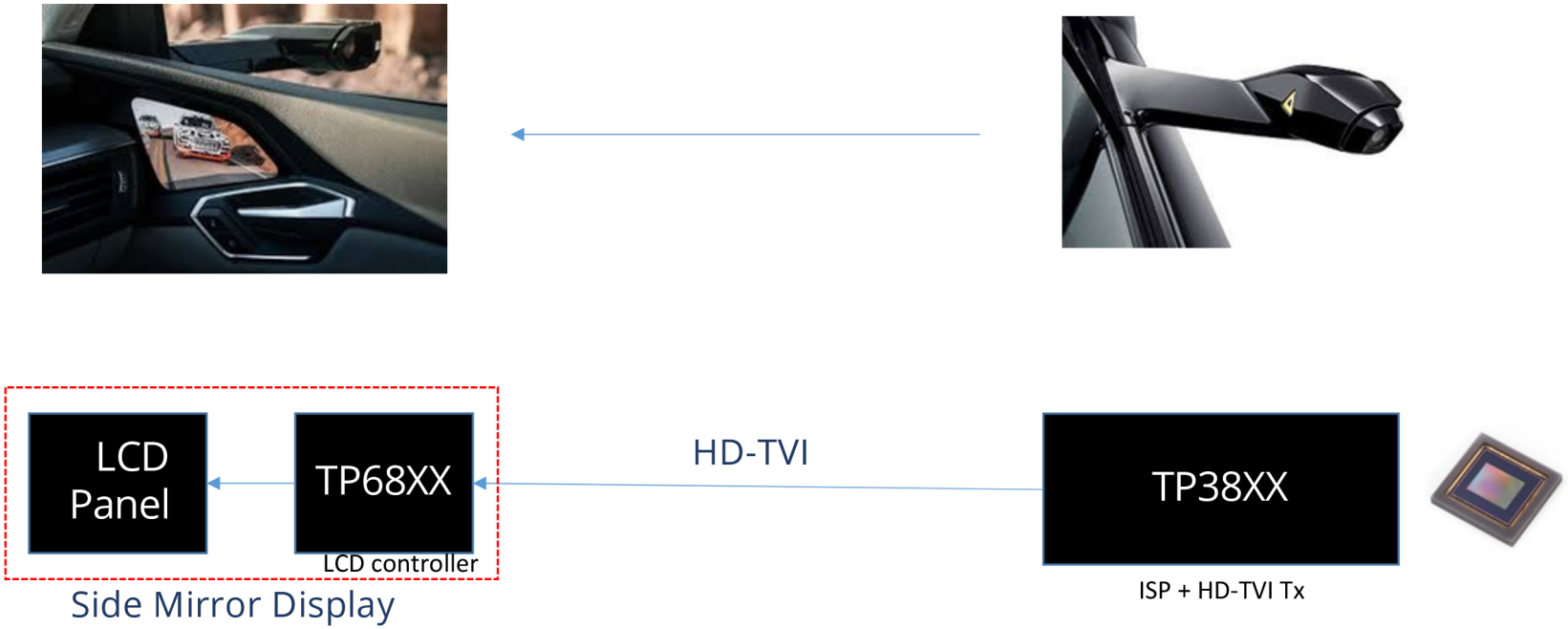
E-Mirror : Digital SideMirror



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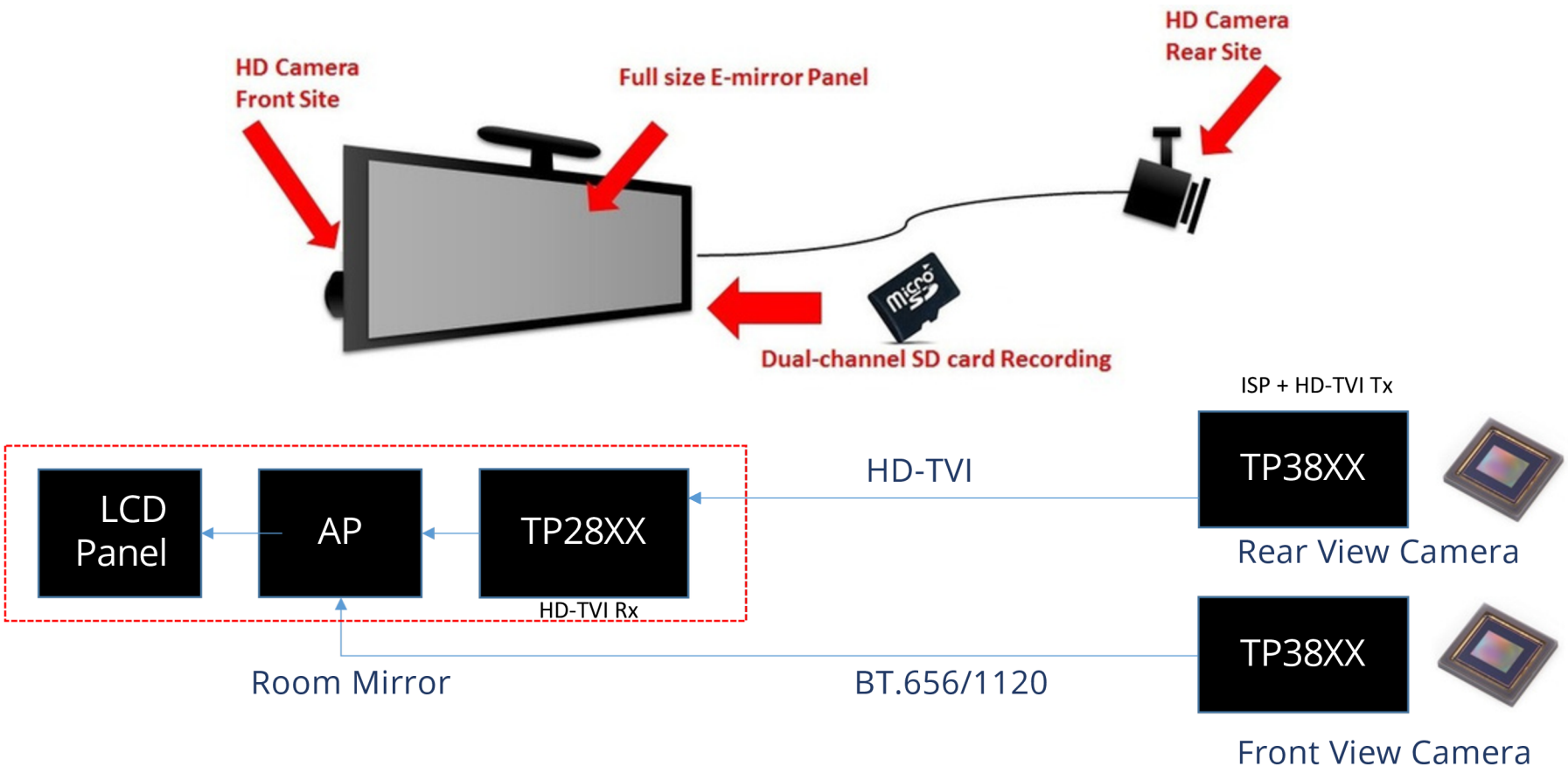
Drive Recorder : Room Mirror Type



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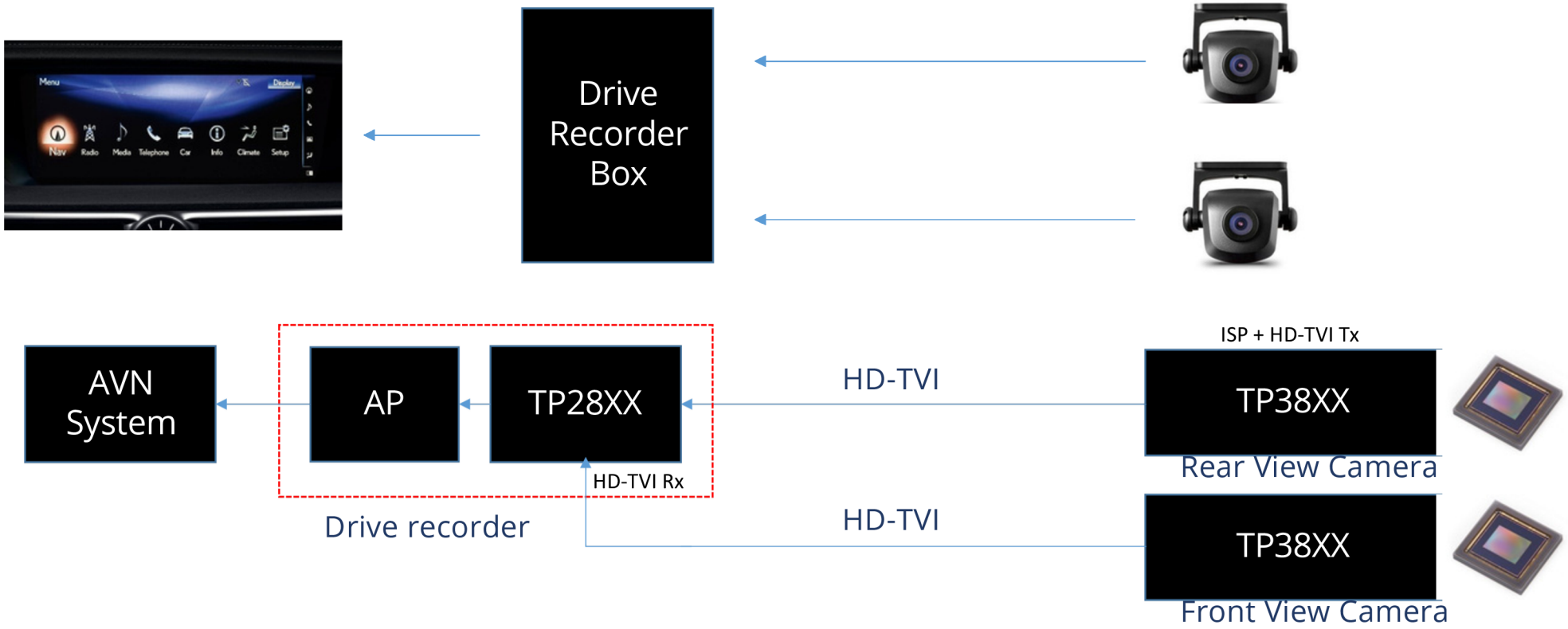
Drive Recorder : STB Type



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Key Reference Customer

- **OEM**
- **Application**

  -AVN / AVM

- **Applied Techpointproducts**

  -Camera ISP / Tx, 1ch Receiver / 4ch Receiver

- **Remarks**

  -Adopted HD analog using Techpointproducts since 2023

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Techpoint HD-TVI Solutions in Surveillance Applications

TP28XX : HD-TVIRx for Surveillance

TP38XX : ISP + HD-TVI Tx with 1&2 way Audio/ 2D&3D NR for Surveillance

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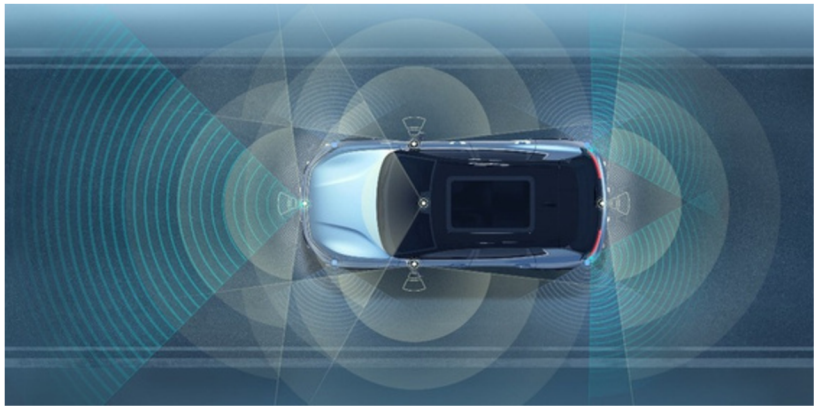

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