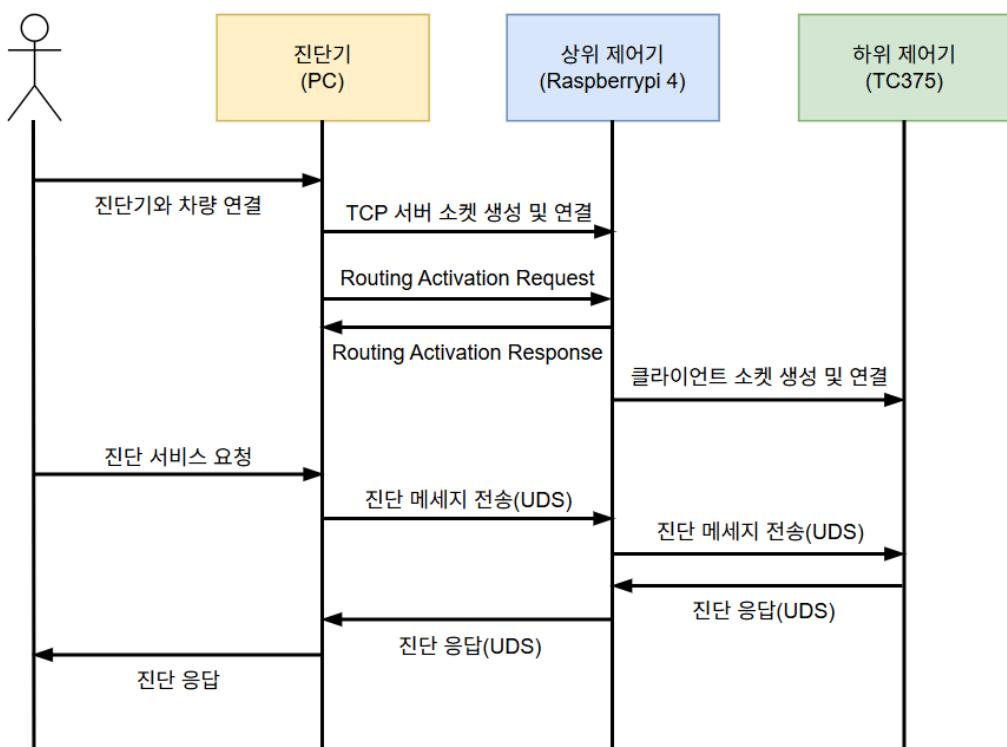
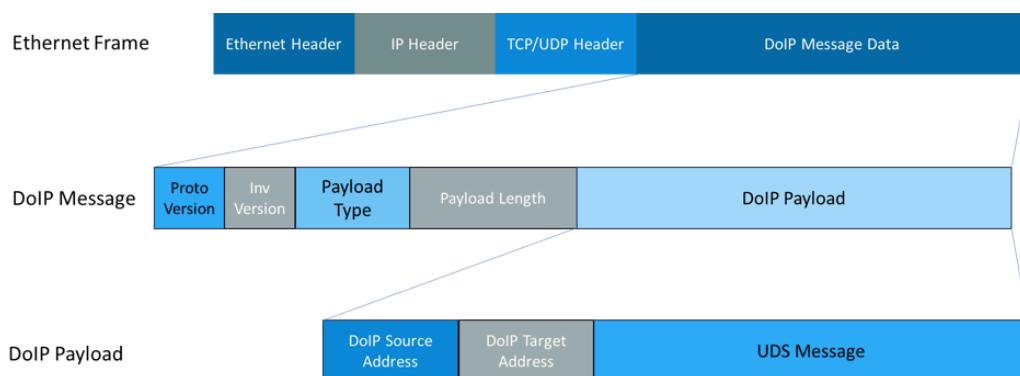


## DoIP 아키텍처

### Flow Chart



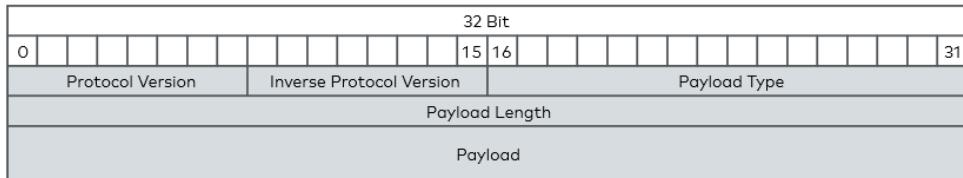
### 통신 Protocol



### DoIP Frame Format (ISO13400 기반)

## Ethernet and IP

### DoIP Message



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- DoIP Message = Protocol Version (1byte) +

Inverse Protocol Version (1byte) +

Payload Type (2byte) +

Payload Length (4byte) +

Payload

## DoIP Payload Types

Value	Description	Version	Mandatory	Mandatory	Type
0005 <sub>16</sub>	Routing activation request	12.5.2	mandatory	mandatory	TCP_DATA
0006 <sub>16</sub>	Routing activation response	12.5.2	mandatory	mandatory	TCP_DATA
8001 <sub>16</sub>	Diagnostic message	9.5	mandatory	mandatory	TCP_DATA

## UDS Frame Format (ISO14229 기반)

- UDS Request Message = SID + Sub-Function/DID + Parameter
- UDS Positive Response Message = (SID+0x40) + Sub-Function/DID + Parameter
- UDS Negative Response Message = 0x7F + SID + NRC