

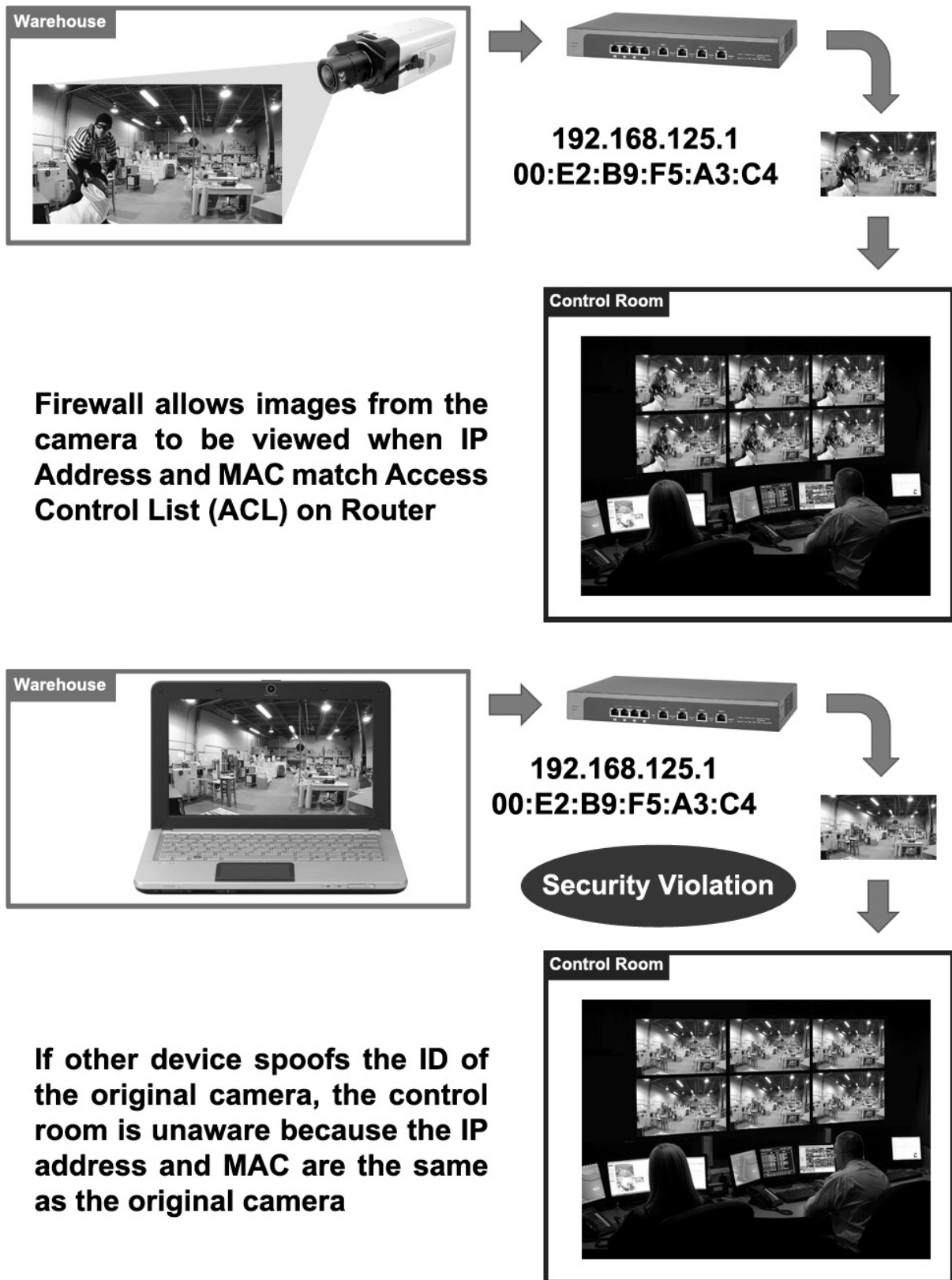


Figure 1

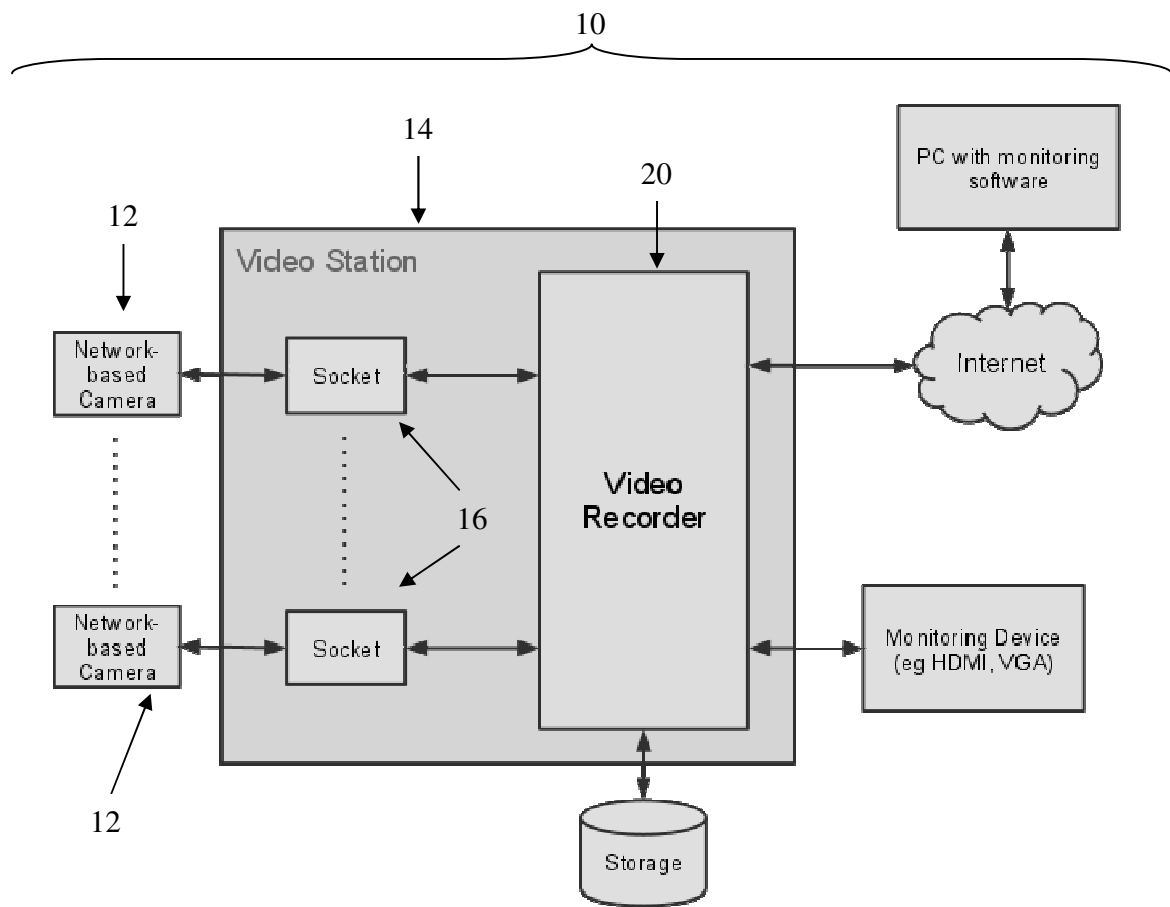


Figure 2

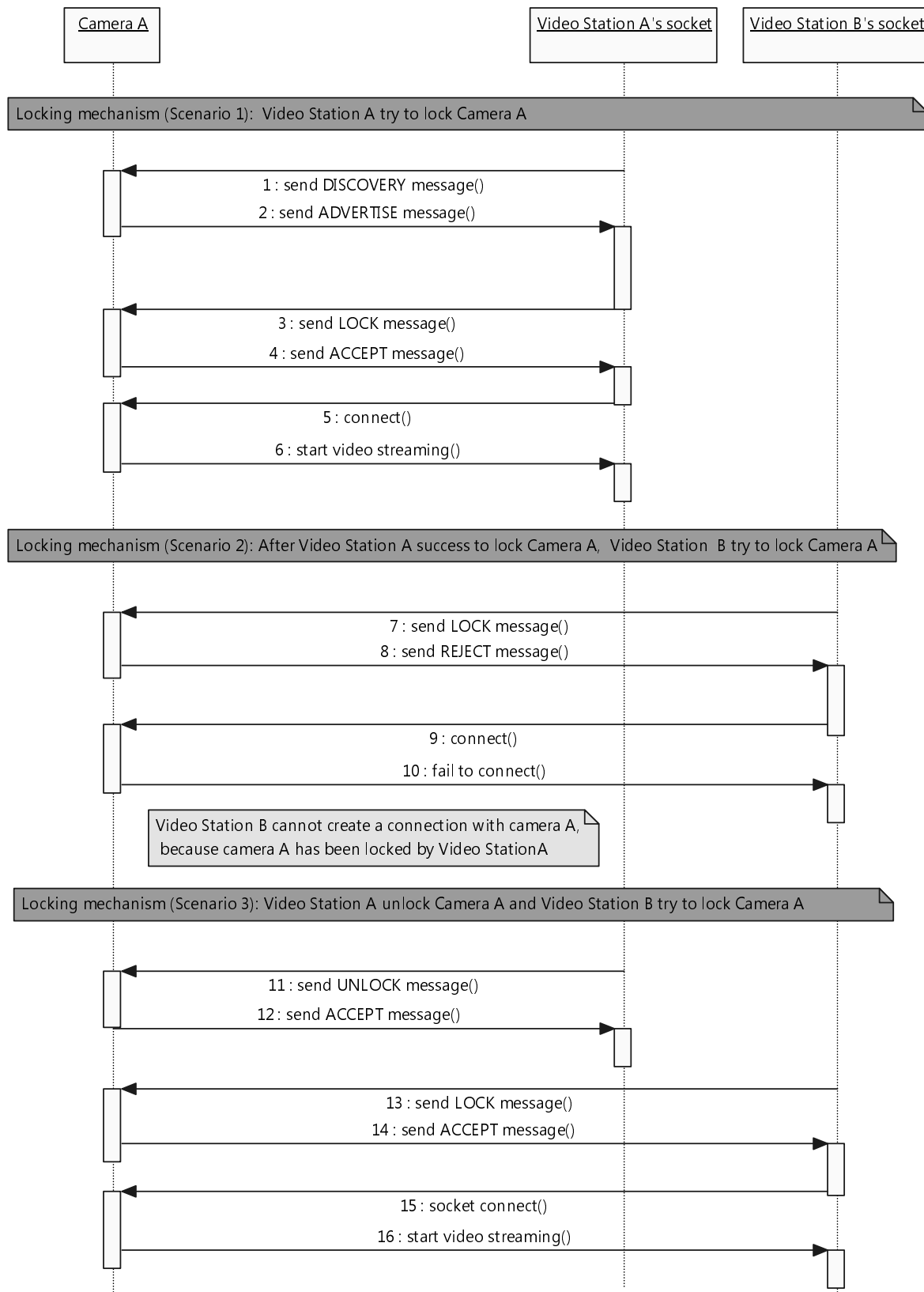
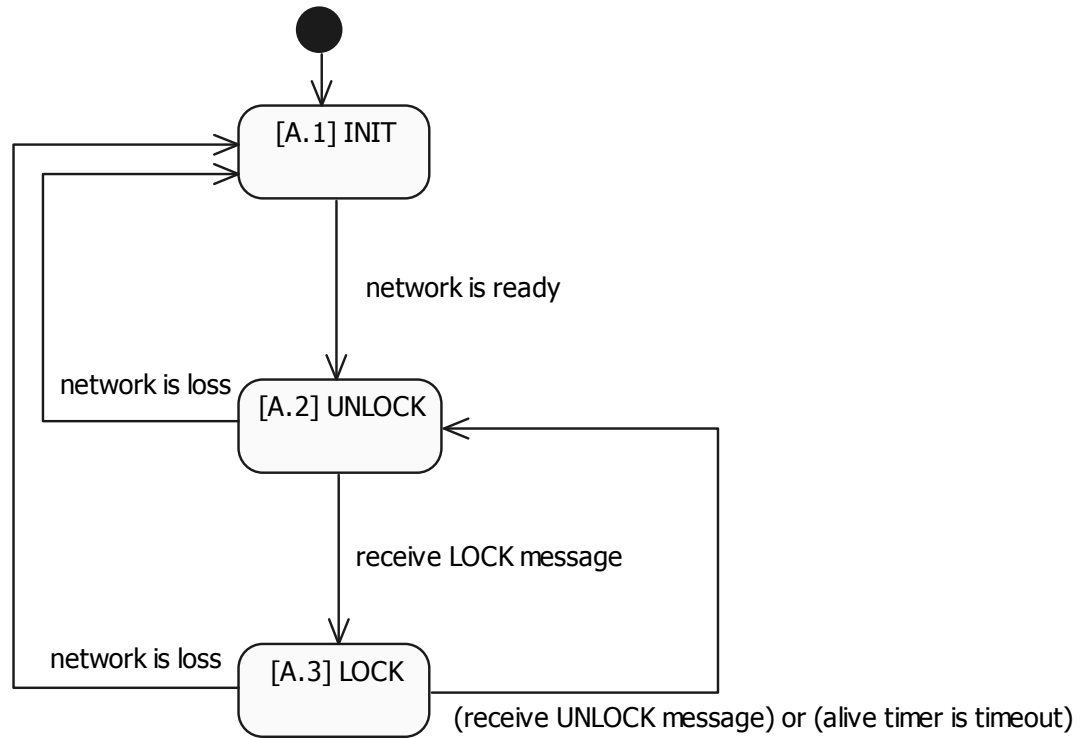


Figure 3

[A] Network-based camera State Chart

⤴ Processes A.1 – A.3 in this flow chart will be detailed in the following figures.

Figure 4a

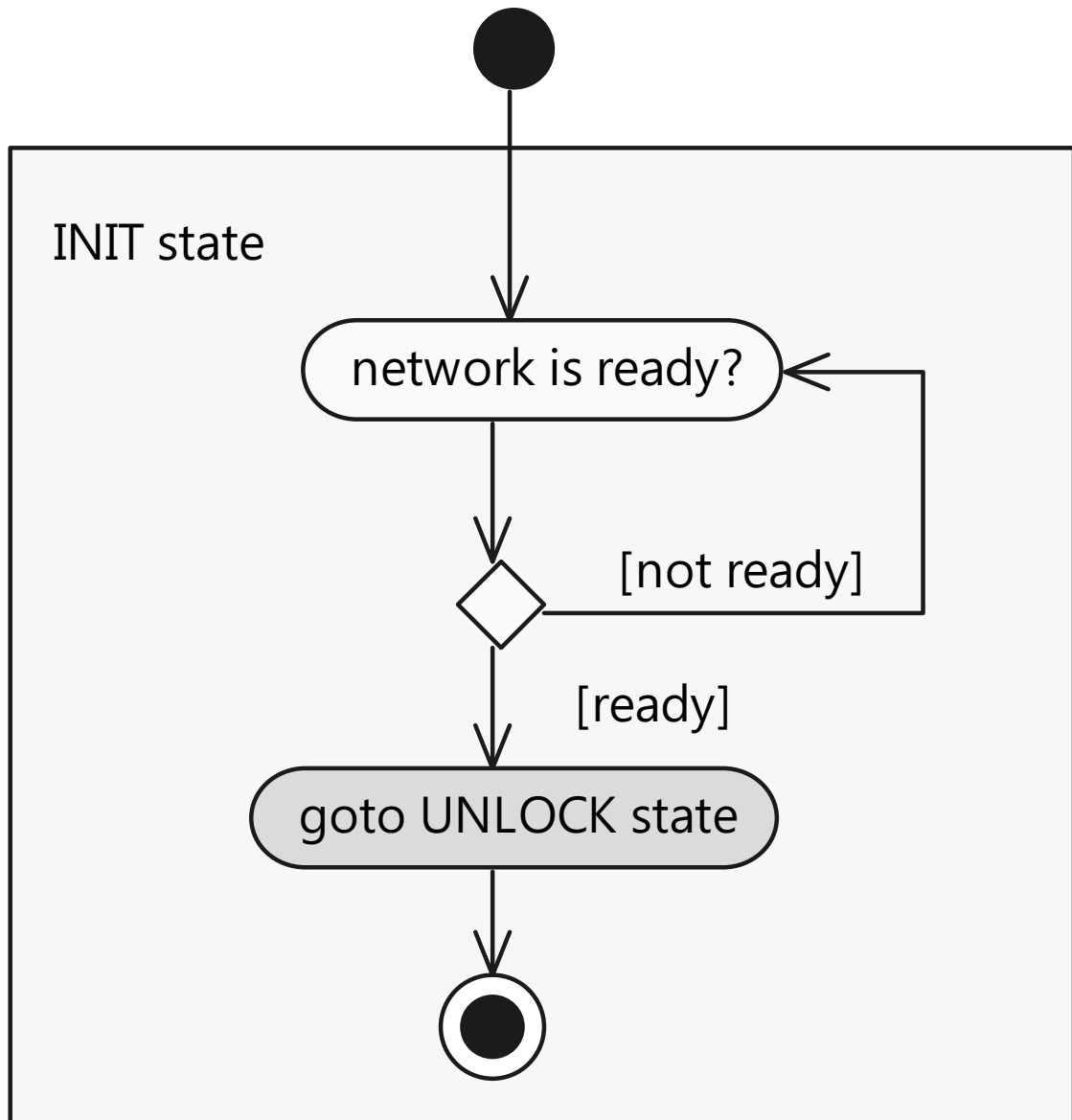
[A.1] INIT Flow Chart

Figure 4b

[A.2] UNLOCK Flow Chart

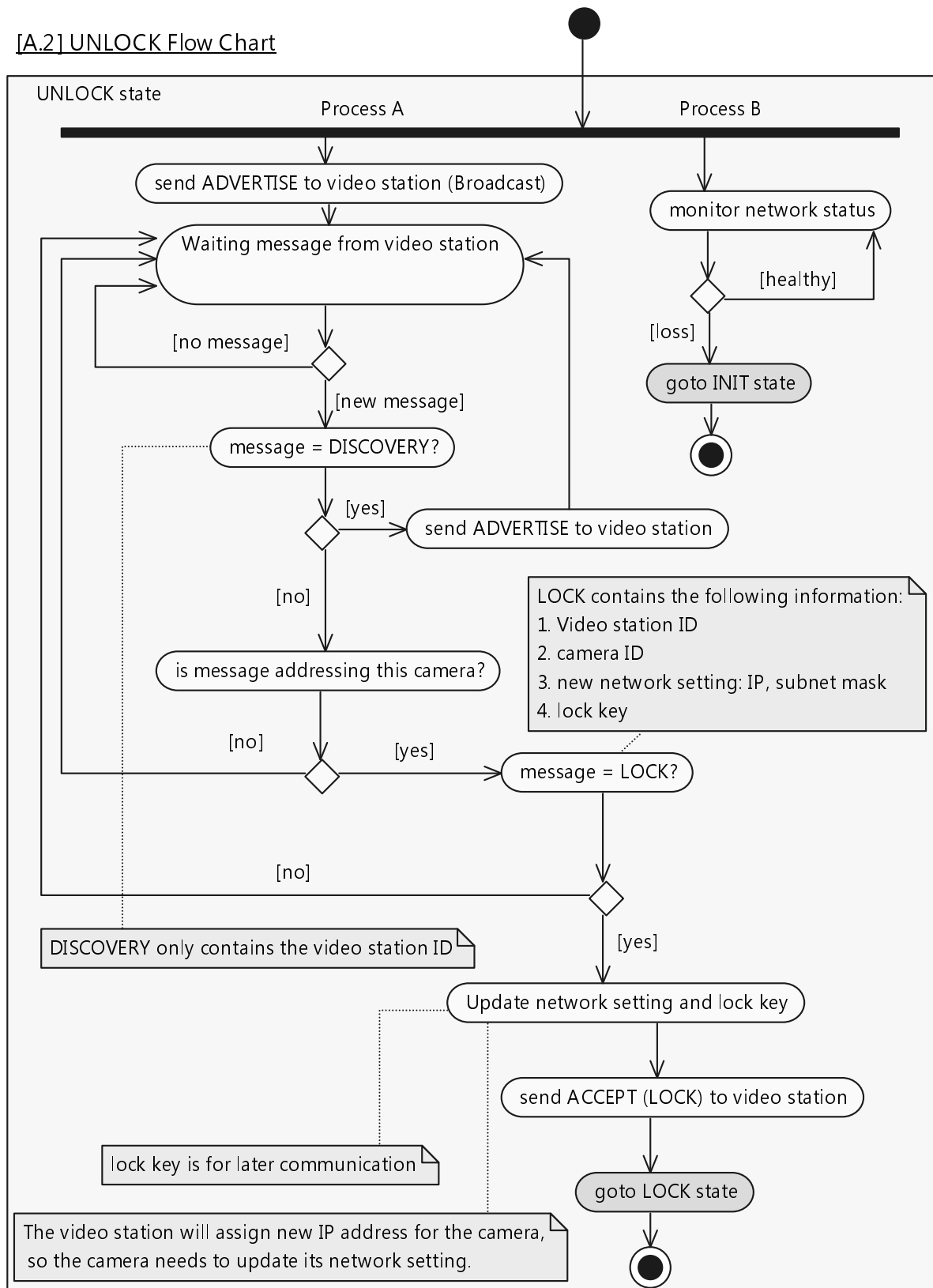


Figure 4c

[A.3] LOCK Flow Chart

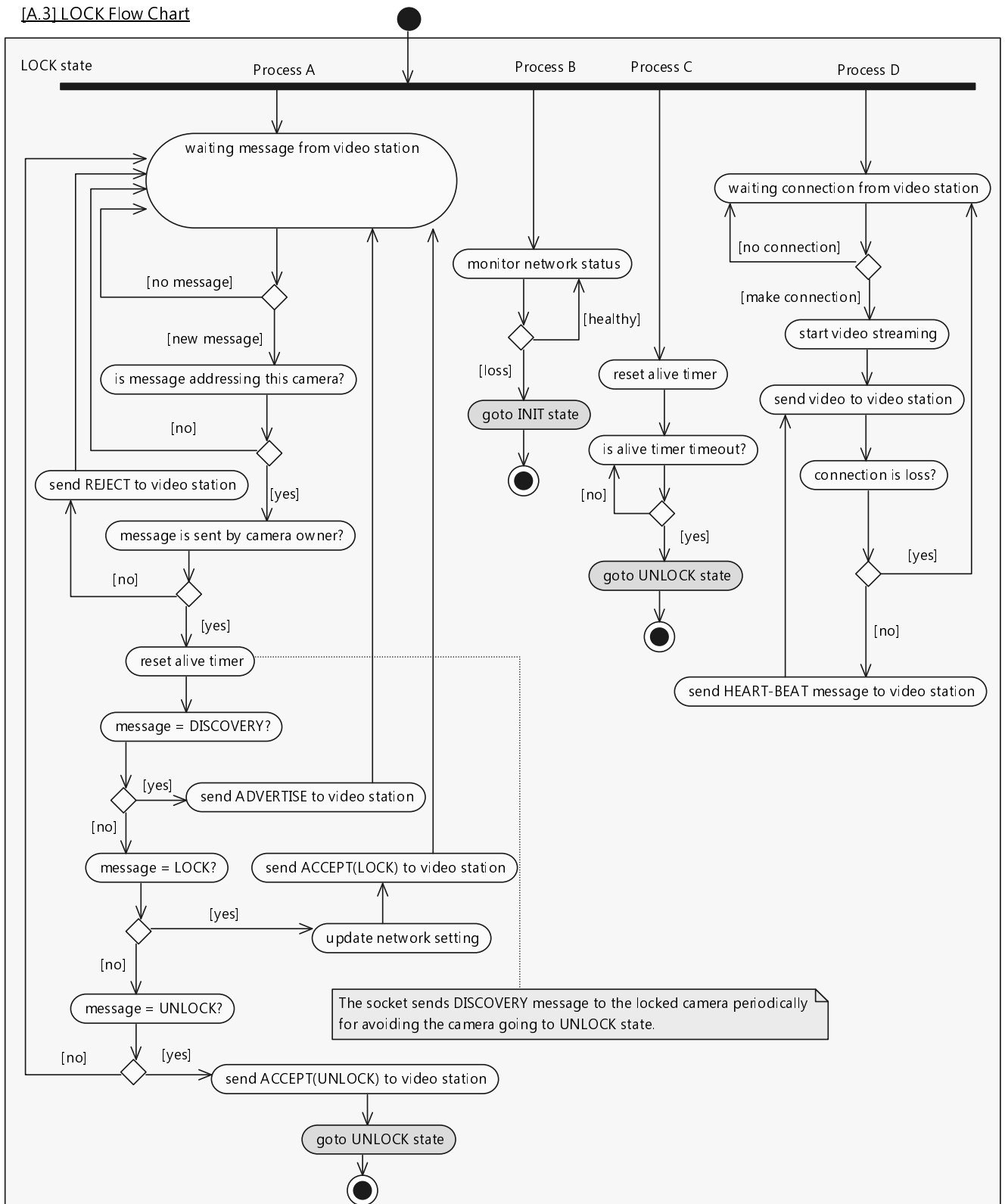
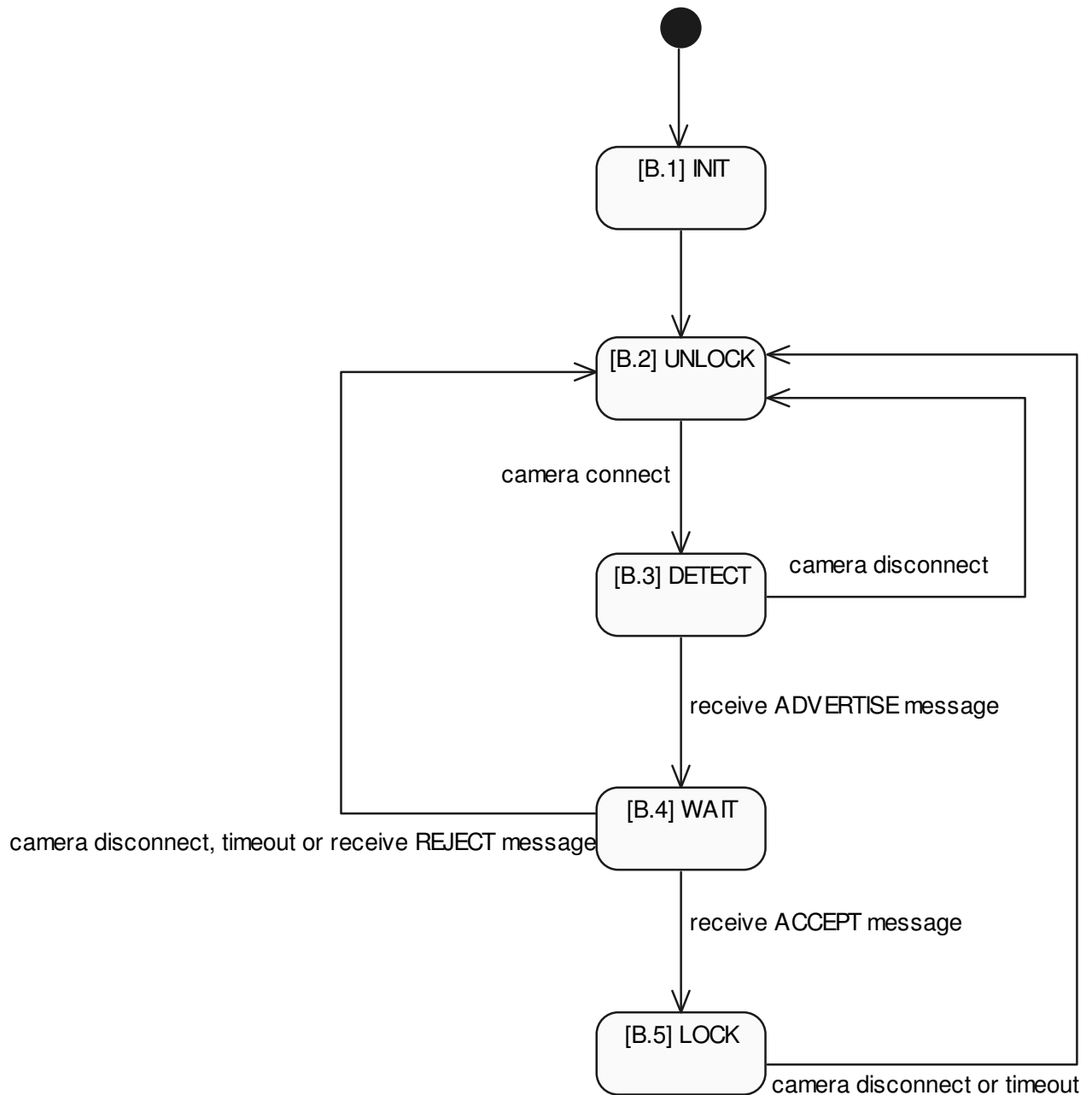


Figure 4d

[B] Video Station State Chart for each socket

⤴ Processes B.1 – B.5 in this flow chart will be detailed the following figures.

Figure 5a

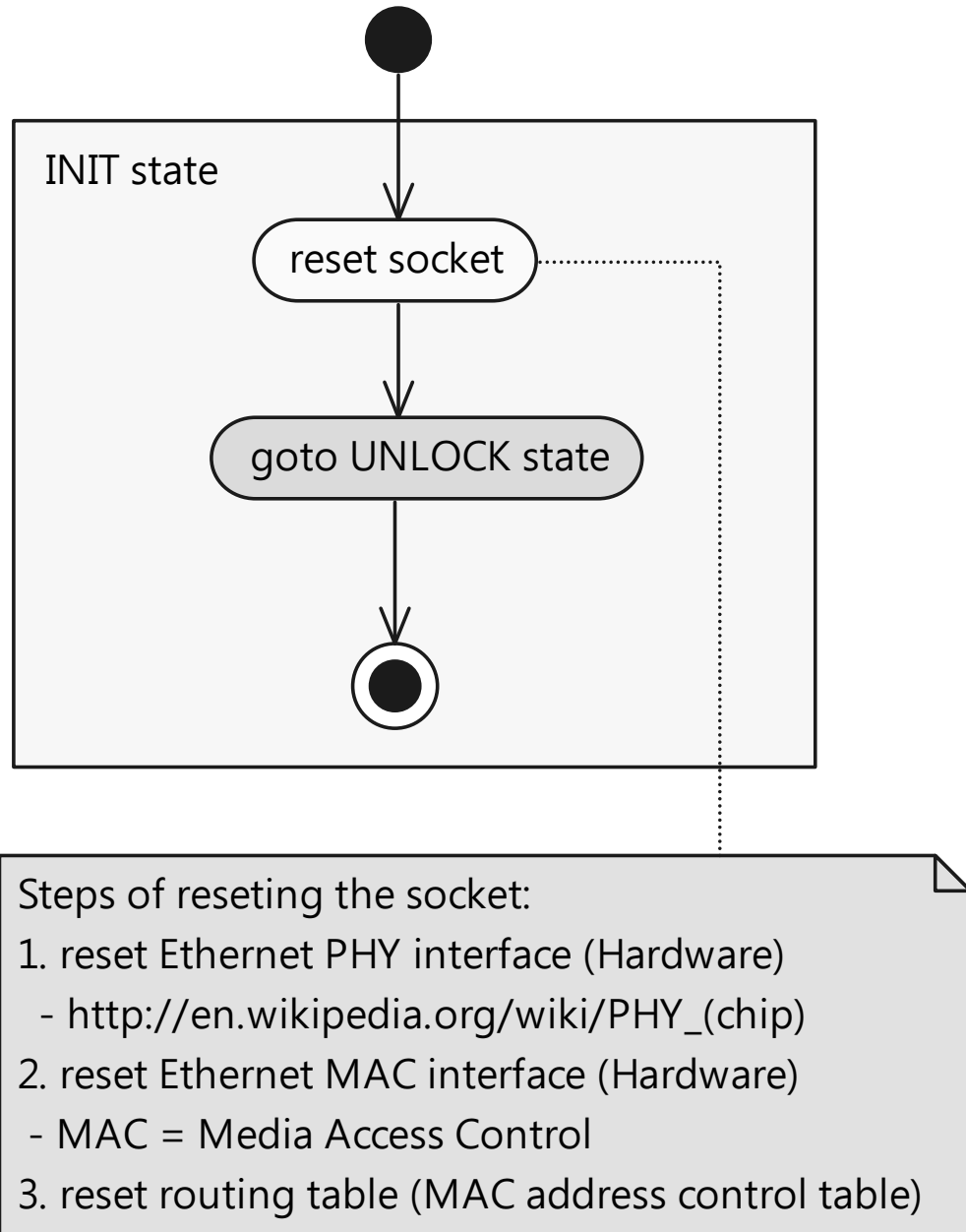
[B.1] INIT flow chart

Figure 5b

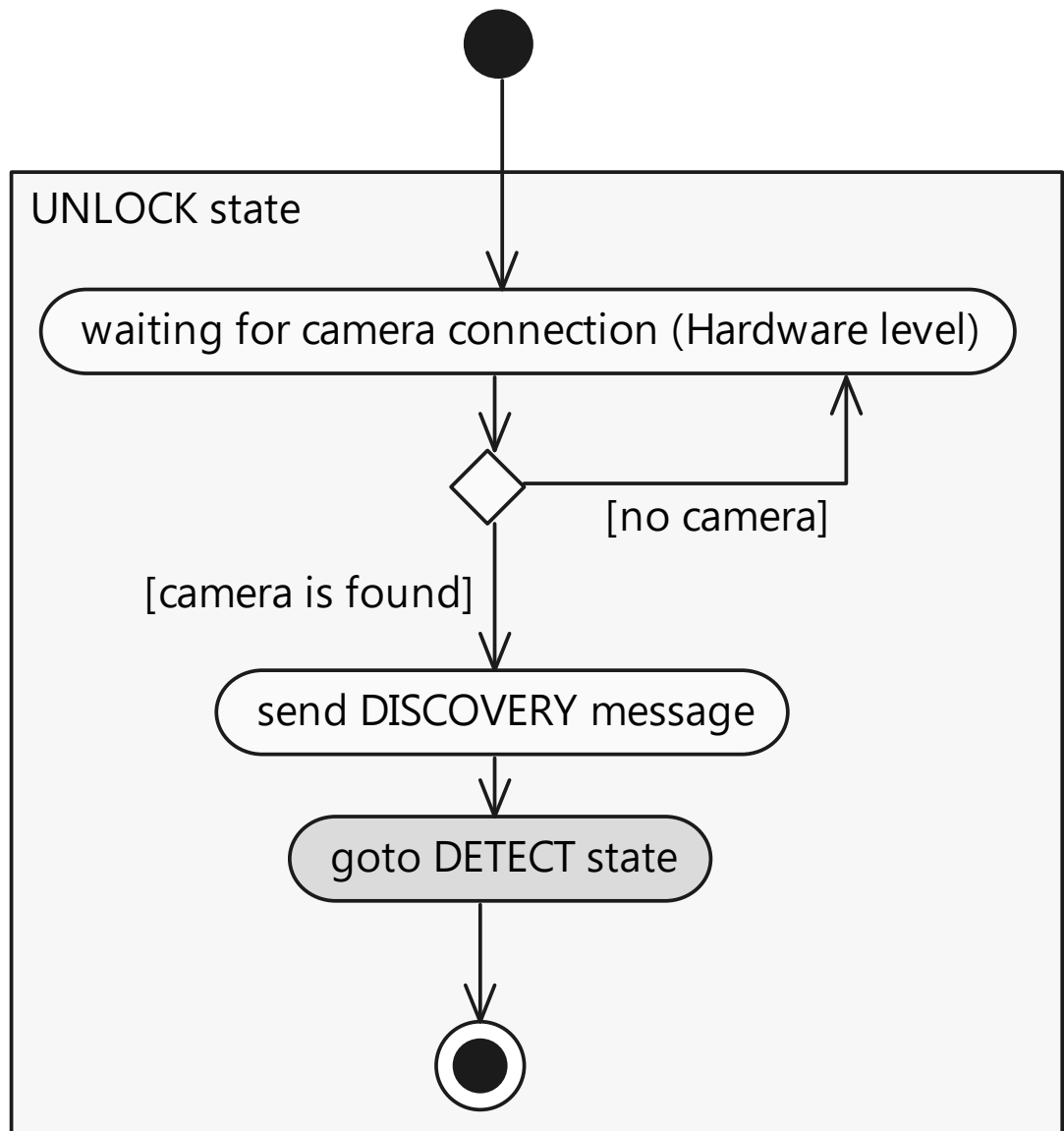
[B.2] UNLOCK flow chart

Figure 5c

[B.3] DETECT flow chart

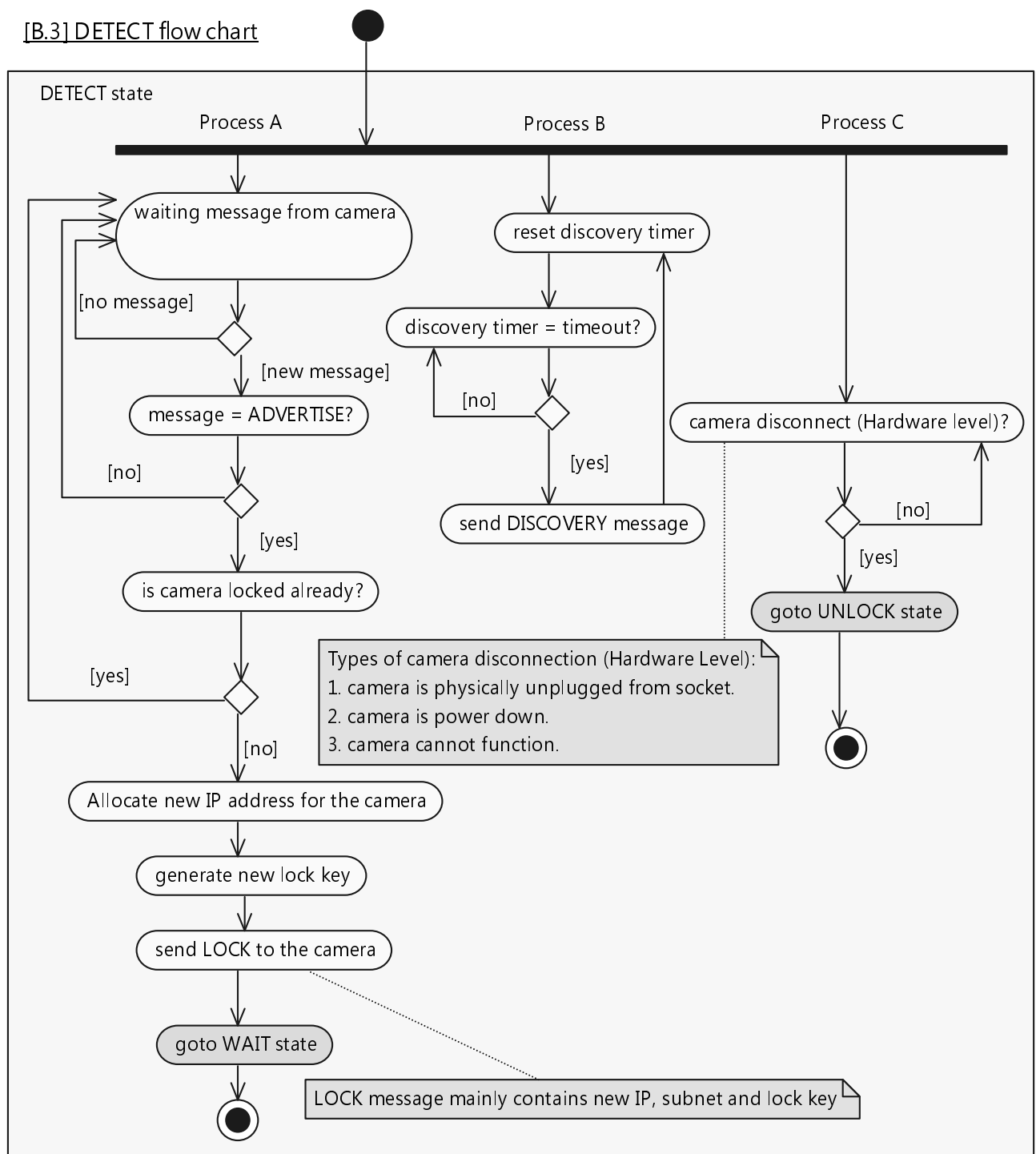


Figure 5d

[B.4] WAIT flow chart

if there is no responses from the target camera in waiting period, then abandon to lock

Types of camera disconnection (Hardware Level):

1. camera is unplugged from socket.
2. camera is power down.
3. camera cannot function.

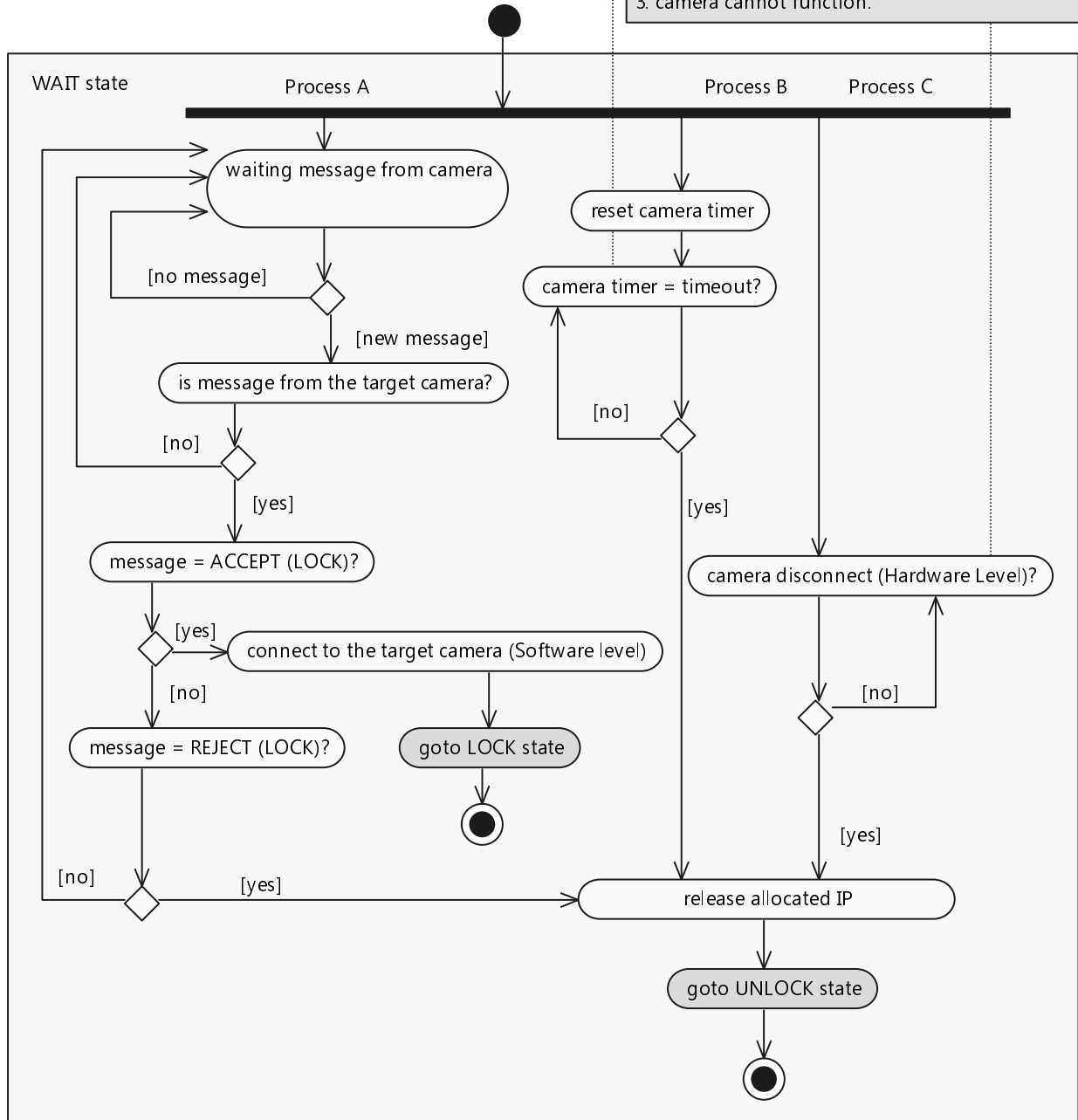


Figure 5e

[B.5] LOCK flow chart

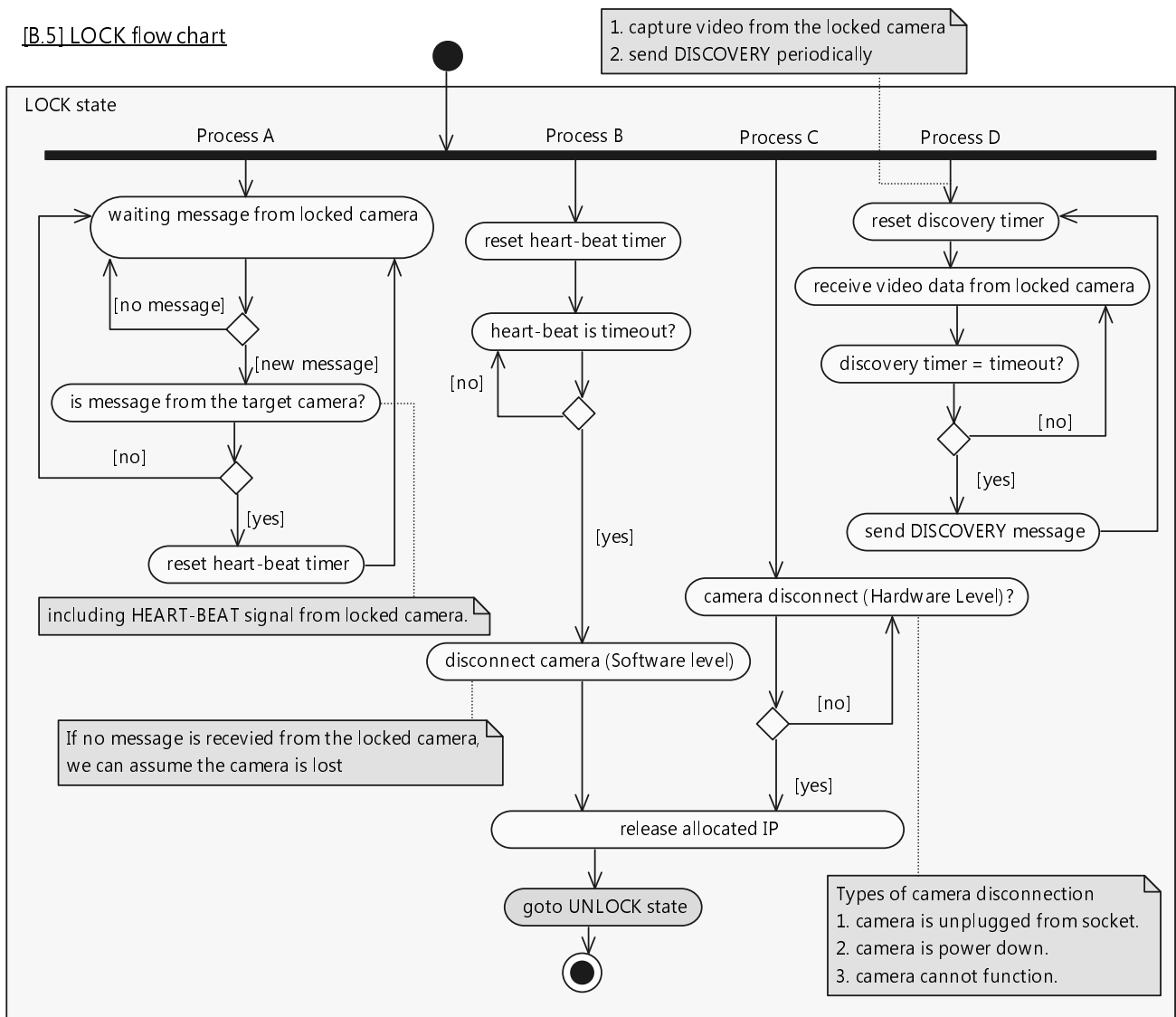


Figure 5f