**APPENDIX H**

**Kernel Panic Logs on Continue Long Term Operation of Face Detection System**

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| Unable to handle kernel NULL pointer dereference at virtual address 0000003c  pgd = 80004000  [0000003c] \*pgd=00000000  Internal error: Oops: 17 [#1] SMP ARM  Modules linked in: ipv6 uvcvideo videobuf2\_core videodev videobuf2\_vmalloc video buf2\_memops gpio\_dw  CPU: 0 Not tainted (3.8.0-00111-g85cc90f #1)  PC is at usb\_hcd\_unmap\_urb\_setup\_for\_dma+0x8/0xb0  LR is at usb\_hcd\_unmap\_urb\_for\_dma+0x14/0x134  pc : [<8029b110>] lr : [<8029b1cc>] psr: a0000193  sp : bed8bc88 ip : 00000000 fp : 00000001  r10: be11b0d0 r9 : 80559a34 r8 : 00000000  r7 : 00000018 r6 : 000000a0 r5 : be11b000 r4 : 00000000  r3 : bc194b08 r2 : 800400c7 r1 : 00000000 r0 : be11b000  Flags: NzCv IRQs off FIQs on Mode SVC\_32 ISA ARM Segment user  Control: 10c5387d Table: 3c01c04a DAC: 00000015  Process facedetect (pid: 1646, stack limit = 0xbed8a240)  Stack: (0xbed8bc88 to 0xbed8c000)  bc80: 00000000 be11b000 000000a0 8029b1cc be11b0fc be11b104  bca0: be010a10 bebf2280 0000000c 000000a0 00000018 802b2738 bed8bd14 00001000  bcc0: 00000081 80546800 00000001 00001000 805467e8 8024db6c 0000004c 00000033  bce0: 20b48bfc bebf2280 c0d805e0 802afd08 8001c960 00000001 000003fc 00000040  bd00: 00000000 bebf2280 00000000 00000000 0000b071 60000193 be010a10 000000a0  bd20: 00000000 00000000 80559a34 80559a20 00000000 802af9f8 802af9ec 8029ab1c  bd40: bebf1100 80075bf0 00000001 bebf2ec0 00000002 be0109c0 bed8bdb4 be0109c0  bd60: be010a10 00000000 fee00100 be11b0d0 00000000 fffffffe a0000013 80075e24  bd80: be0109c0 be010a10 00000000 80078bac 80078b30 000000a0 000000a0 800755d4  bda0: 80525030 8000f014 fee0010c 8052e418 bed8bdd0 80008530 802b070c 803b6a88  bdc0: 60000013 ffffffff bed8be04 8000dd40 be11b0d0 a0000013 00000000 8a258a25  bde0: bedb4e00 be5f7000 bc194b00 be11b000 be11b0d0 00000000 fffffffe a0000013  be00: 0000003d bed8be18 802b070c 803b6a88 60000013 ffffffff 802b0644 fffffffe  be20: be5f7000 be11b000 fffffffe be419000 be31b788 00000001 bed8a000 8029b3f8  be40: be1c0400 fffffffe be5f7000 60000013 00000000 be419000 00000001 8029c708  be60: be5f7000 be5f700c 00000001 8029d590 bed8beac be41900c be5f6000 00000002  be80: 00000000 be419000 be31b788 be419010 be5f7000 7f041a68 00000001 be419000  bea0: 00000000 00000000 be419000 00000008 00000000 7f043e54 00000001 be43bd80  bec0: be31b780 bd11ea18 be419000 7f03ff78 7f03fee0 be23fc00 be664e88 bd11ea18  bee0: be05b310 7f014390 7f014358 be31b780 be664e88 800db0d8 00000000 00000000  bf00: be2d283c beba66c0 805618c4 be2d2580 8000e2a8 bed8a000 00000000 8003e488  bf20: be1e68c0 fd87fd87 be2d2580 be1e68c0 be2d284c be2d2580 be1e68fc 800265c8  bf40: be1e68c0 00000000 bed8a000 00000001 00382000 800c4960 fd87fd87 800da1ac  bf60: be1e6900 be57f680 00000000 bed8a000 000000f8 8000e2a8 bed8a000 00000000  bf80: 00000000 80026d88 00000000 000703c2 7698e760 7698e760 000000f8 80026e2c  bfa0: 00000000 8000e100 000703c2 7698e760 00000000 000703ae 74c214c0 00000000  bfc0: 000703c2 7698e760 7698e760 000000f8 00000000 00000000 76fa1000 00000000  bfe0: 000000f8 7eab82bc 7691fce3 768c71e6 600f0030 00000000 00000000 00000000  [<8029b110>] (usb\_hcd\_unmap\_urb\_setup\_for\_dma+0x8/0xb0) from [<be11b104>] (0xbe1 1b104)  Code: 8055994b 80497e64 e92d4070 e1a04001 (e591303c)  ---[ end trace 7240ef6d486fb03d ]--- |