



# CVE-2019-5999

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2019-5999
<b>State</b>	PUBLIC
<b>Assigner</b>	vultures@jpcert.or.jp
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-08-06 19:15:00 UTC
<b>Updated</b>	2020-08-24 17:37:00 UTC
<b>Description</b>	Buffer overflow in PTP (Picture Transfer Protocol) of EOS series digital cameras (EOS-1D X firmware version 2.1.0 and ear

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Canon	Eos-1d C	-	All	All	All
Hardware	Canon	Eos-1d C	-	All	All	All
Operating System	Canon	Eos-1d C Firmware	All	All	All	All
Hardware	Canon	Eos-1d X	-	All	All	All
Hardware	Canon	Eos-1d X	-	All	All	All
Operating System	Canon	Eos-1d X Firmware	All	All	All	All
Hardware	Canon	Eos-1d X Mkii	-	All	All	All
Hardware	Canon	Eos-1d X Mkii	-	All	All	All
Operating System	Canon	Eos-1d X Mkii Firmware	All	All	All	All
Hardware	Canon	Eos 100d	-	All	All	All
Hardware	Canon	Eos 100d	-	All	All	All
Operating System	Canon	Eos 100d Firmware	All	All	All	All
Hardware	Canon	Eos 1200d	-	All	All	All
Hardware	Canon	Eos 1200d	-	All	All	All
Operating System	Canon	Eos 1200d Firmware	All	All	All	All
Hardware	Canon	Eos 1200d Mg	-	All	All	All
Hardware	Canon	Eos 1200d Mg	-	All	All	All

Operating System	Canon	Eos 1200d Mg Firmware	All	All	All	All
Hardware	Canon	Eos 1300d	-	All	All	All
Hardware	Canon	Eos 1300d	-	All	All	All
Operating System	Canon	Eos 1300d Firmware	All	All	All	All
Hardware	Canon	Eos 1500d	-	All	All	All
Hardware	Canon	Eos 1500d	-	All	All	All
Operating System	Canon	Eos 1500d Firmware	All	All	All	All
Hardware	Canon	Eos 2000d	-	All	All	All
Hardware	Canon	Eos 2000d	-	All	All	All
Operating System	Canon	Eos 2000d Firmware	All	All	All	All
Hardware	Canon	Eos 200d	-	All	All	All
Hardware	Canon	Eos 200d	-	All	All	All
Operating System	Canon	Eos 200d Firmware	All	All	All	All
Hardware	Canon	Eos 250d	-	All	All	All
Hardware	Canon	Eos 250d	-	All	All	All
Operating System	Canon	Eos 250d Firmware	All	All	All	All
Hardware	Canon	Eos 3000d	-	All	All	All
Hardware	Canon	Eos 3000d	-	All	All	All
Operating System	Canon	Eos 3000d Firmware	All	All	All	All
Hardware	Canon	Eos 4000d	-	All	All	All
Hardware	Canon	Eos 4000d	-	All	All	All
Operating System	Canon	Eos 4000d Firmware	All	All	All	All
Hardware	Canon	Eos 5ds	-	All	All	All
Hardware	Canon	Eos 5ds	-	All	All	All
Operating System	Canon	Eos 5ds Firmware	All	All	All	All
Hardware	Canon	Eos 5ds R	-	All	All	All
Hardware	Canon	Eos 5ds R	-	All	All	All
Operating System	Canon	Eos 5ds R Firmware	All	All	All	All
Hardware	Canon	Eos 5d Mark Iii	-	All	All	All
Hardware	Canon	Eos 5d Mark Iii	-	All	All	All
Operating System	Canon	Eos 5d Mark Iii Firmware	All	All	All	All
Hardware	Canon	Eos 5d Mark Iv	-	All	All	All
Hardware	Canon	Eos 5d Mark Iv	-	All	All	All
Operating System	Canon	Eos 5d Mark Iv Firmware	All	All	All	All
Hardware	Canon	Eos 6d	-	All	All	All

Hardware	Canon	Eos 6d	-	All	All	All
Operating System	Canon	Eos 6d Firmware	All	All	All	All
Hardware	Canon	Eos 6d Mark ii	-	All	All	All
Hardware	Canon	Eos 6d Mark ii	-	All	All	All
Operating System	Canon	Eos 6d Mark ii Firmware	All	All	All	All
Hardware	Canon	Eos 700d	-	All	All	All
Hardware	Canon	Eos 700d	-	All	All	All
Operating System	Canon	Eos 700d Firmware	All	All	All	All
Hardware	Canon	Eos 70d	-	All	All	All
Hardware	Canon	Eos 70d	-	All	All	All
Operating System	Canon	Eos 70d Firmware	All	All	All	All
Hardware	Canon	Eos 750d	-	All	All	All
Hardware	Canon	Eos 750d	-	All	All	All
Operating System	Canon	Eos 750d Firmware	All	All	All	All
Hardware	Canon	Eos 760d	-	All	All	All
Hardware	Canon	Eos 760d	-	All	All	All
Operating System	Canon	Eos 760d Firmware	All	All	All	All
Hardware	Canon	Eos 77d	-	All	All	All
Hardware	Canon	Eos 77d	-	All	All	All
Operating System	Canon	Eos 77d Firmware	All	All	All	All
Hardware	Canon	Eos 7d Mark ii	-	All	All	All
Hardware	Canon	Eos 7d Mark ii	-	All	All	All
Operating System	Canon	Eos 7d Mark ii Firmware	All	All	All	All
Hardware	Canon	Eos 8000d	-	All	All	All
Hardware	Canon	Eos 8000d	-	All	All	All
Operating System	Canon	Eos 8000d Firmware	All	All	All	All
Hardware	Canon	Eos 800d	-	All	All	All
Hardware	Canon	Eos 800d	-	All	All	All
Operating System	Canon	Eos 800d Firmware	All	All	All	All
Hardware	Canon	Eos 80d	-	All	All	All
Hardware	Canon	Eos 80d	-	All	All	All
Operating System	Canon	Eos 80d Firmware	All	All	All	All
Hardware	Canon	Eos 9000d	-	All	All	All
Hardware	Canon	Eos 9000d	-	All	All	All
Operating System	Canon	Eos 9000d Firmware	All	All	All	All

Hardware	Canon	Eos D Rebel SI1	-	All	All	All
Hardware	Canon	Eos D Rebel SI1	-	All	All	All
Operating System	Canon	Eos D Rebel SI1 Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel SI2	-	All	All	All
Hardware	Canon	Eos D Rebel SI2	-	All	All	All
Operating System	Canon	Eos D Rebel SI2 Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel SI3	-	All	All	All
Hardware	Canon	Eos D Rebel SI3	-	All	All	All
Operating System	Canon	Eos D Rebel SI3 Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel T100	-	All	All	All
Hardware	Canon	Eos D Rebel T100	-	All	All	All
Operating System	Canon	Eos D Rebel T100 Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel T5	-	All	All	All
Hardware	Canon	Eos D Rebel T5	-	All	All	All
Hardware	Canon	Eos D Rebel T5i	-	All	All	All
Hardware	Canon	Eos D Rebel T5i	-	All	All	All
Operating System	Canon	Eos D Rebel T5i Firmware	All	All	All	All
Operating System	Canon	Eos D Rebel T5 Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel T5 Re	-	All	All	All
Hardware	Canon	Eos D Rebel T5 Re	-	All	All	All
Operating System	Canon	Eos D Rebel T5 Re Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel T6	-	All	All	All
Hardware	Canon	Eos D Rebel T6	-	All	All	All
Hardware	Canon	Eos D Rebel T6i	-	All	All	All
Hardware	Canon	Eos D Rebel T6i	-	All	All	All
Operating System	Canon	Eos D Rebel T6i Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel T6s	-	All	All	All
Hardware	Canon	Eos D Rebel T6s	-	All	All	All
Operating System	Canon	Eos D Rebel T6s Firmware	All	All	All	All
Operating System	Canon	Eos D Rebel T6 Firmware	All	All	All	All
Hardware	Canon	Eos D Rebel T7	-	All	All	All
Hardware	Canon	Eos D Rebel T7	-	All	All	All
Hardware	Canon	Eos D Rebel T7i	-	All	All	All
Hardware	Canon	Eos D Rebel T7i	-	All	All	All
Operating System	Canon	Eos D Rebel T7i Firmware	All	All	All	All
Operating System	Canon	Eos D Rebel T7 Firmware	All	All	All	All

Hardware	Canon	Eos Hi	-	All	All	All
Hardware	Canon	Eos Hi	-	All	All	All
Operating System	Canon	Eos Hi Firmware	All	All	All	All
Hardware	Canon	Eos Kiss M	-	All	All	All
Hardware	Canon	Eos Kiss M	-	All	All	All
Operating System	Canon	Eos Kiss M Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X10	-	All	All	All
Hardware	Canon	Eos Kiss X10	-	All	All	All
Operating System	Canon	Eos Kiss X10 Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X7	-	All	All	All
Hardware	Canon	Eos Kiss X7	-	All	All	All
Hardware	Canon	Eos Kiss X70	-	All	All	All
Hardware	Canon	Eos Kiss X70	-	All	All	All
Operating System	Canon	Eos Kiss X70 Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X7i	-	All	All	All
Hardware	Canon	Eos Kiss X7i	-	All	All	All
Operating System	Canon	Eos Kiss X7i Firmware	All	All	All	All
Operating System	Canon	Eos Kiss X7 Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X80	-	All	All	All
Hardware	Canon	Eos Kiss X80	-	All	All	All
Operating System	Canon	Eos Kiss X80 Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X8i	-	All	All	All
Hardware	Canon	Eos Kiss X8i	-	All	All	All
Operating System	Canon	Eos Kiss X8i Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X9	-	All	All	All
Hardware	Canon	Eos Kiss X9	-	All	All	All
Hardware	Canon	Eos Kiss X90	-	All	All	All
Hardware	Canon	Eos Kiss X90	-	All	All	All
Operating System	Canon	Eos Kiss X90 Firmware	All	All	All	All
Hardware	Canon	Eos Kiss X9i	-	All	All	All
Hardware	Canon	Eos Kiss X9i	-	All	All	All
Operating System	Canon	Eos Kiss X9i Firmware	All	All	All	All
Operating System	Canon	Eos Kiss X9 Firmware	All	All	All	All
Hardware	Canon	Eos M10	-	All	All	All
Hardware	Canon	Eos M10	-	All	All	All

Hardware	Canon	Eos M100	-	All	All	All
Hardware	Canon	Eos M100	-	All	All	All
Operating System	Canon	Eos M100 Firmware	All	All	All	All
Operating System	Canon	Eos M10 Firmware	All	All	All	All
Hardware	Canon	Eos M2	-	All	All	All
Hardware	Canon	Eos M2	-	All	All	All
Operating System	Canon	Eos M2 Firmware	All	All	All	All
Hardware	Canon	Eos M3	-	All	All	All
Hardware	Canon	Eos M3	-	All	All	All
Operating System	Canon	Eos M3 Firmware	All	All	All	All
Hardware	Canon	Eos M5	-	All	All	All
Hardware	Canon	Eos M5	-	All	All	All
Hardware	Canon	Eos M50	-	All	All	All
Hardware	Canon	Eos M50	-	All	All	All
Operating System	Canon	Eos M50 Firmware	All	All	All	All
Operating System	Canon	Eos M5 Firmware	All	All	All	All
Hardware	Canon	Eos M6	-	All	All	All
Hardware	Canon	Eos M6	-	All	All	All
Hardware	Canon	Eos M6china	-	All	All	All
Operating System	Canon	Eos M6china Firmware	All	All	All	All
Hardware	Canon	Eos M6china	-	All	All	All
Hardware	Canon	Eos M6china	-	All	All	All
Operating System	Canon	Eos M6china Firmware	All	All	All	All
Operating System	Canon	Eos M6 Firmware	All	All	All	All
Hardware	Canon	Eos R	-	All	All	All
Hardware	Canon	Eos R	-	All	All	All
Hardware	Canon	Eos Rp	-	All	All	All
Hardware	Canon	Eos Rp	-	All	All	All
Operating System	Canon	Eos Rp Firmware	All	All	All	All
Hardware	Canon	Eos Rp Gold	-	All	All	All
Hardware	Canon	Eos Rp Gold	-	All	All	All
Operating System	Canon	Eos Rp Gold Firmware	All	All	All	All
Operating System	Canon	Eos R Firmware	All	All	All	All
Hardware	Canon	Powershot G5xmark li	-	All	All	All
Hardware	Canon	Powershot G5xmark li	-	All	All	All
Operating System	Canon	Powershot G5xmark li Firmware	All	All	All	All

Operating System	<a href="#">Canon</a>	<a href="#">Powershot G5xmark II Firmware</a>	All	All	All	All
Hardware	<a href="#">Canon</a>	<a href="#">Powershot Sx70 Hs</a>	-	All	All	All
Hardware	<a href="#">Canon</a>	<a href="#">Powershot Sx70 Hs</a>	-	All	All	All
Operating System	<a href="#">Canon</a>	<a href="#">Powershot Sx70 Hs Firmware</a>	All	All	All	All
Hardware	<a href="#">Canon</a>	<a href="#">Powershot Sx740 Hs</a>	-	All	All	All
Hardware	<a href="#">Canon</a>	<a href="#">Powershot Sx740 Hs</a>	-	All	All	All
Operating System	<a href="#">Canon</a>	<a href="#">Powershot Sx740 Hs Firmware</a>	All	All	All	All

## References

### Reference

[Canon Product Security - Canon Europe](#)

[Say Cheese: Ransomware-ing a DSLR Camera - Check Point Research](#)

[キヤノン：サポート | キヤノン製デジタルカメラにおけるPTP（画像転送プロトコル）通信機能およびファームウェアアップデート機能の脆弱性](#)

[JVNVU#97511331: Multiple vulnerabilities in multiple Canon digital cameras](#)

[Canon U.S.A., Inc. | Product Advisory Detail Page](#)

[CVE Program record](#)

[NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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