

Android Manual

USB Driver Manual





Bluebird Android USB Driver installation

USB Driver installation (1/6)

Please connect the device with your PC -> Open Device Manager -> Android device with an exclamation
mark will be appeared under Other device -> Click right mouse on the Android device -> Click Update
Driver Software.

🚔 Device Manager	
File Action View	v Help
	👔 📷 💐 😭 🙀 🚯
Batteries Batteries Computer Disk drive Disk drive Display ac DVD/CD-F Human In DE ATA/A Mice and Mice and Monitors Network a Other dev	s lapters ROM drives terface Devices ATAPI controllers levices s echnology driver other pointing devices idapters
Portab	Update Driver Software Click!!
Proces	Disable
🛛 🛋 Sound	Uninstall
⊳ d ≣ Systen ⊳ 🛑 Univer	Scan for hardware changes
⊳ 🖶 WSD P	Properties



USB Driver installation (2/6)

Click Browse my computer for driver software -> Click Browser









USB Driver installation (3/6)

Please select Bluebird_usb_driver -> Click OK

(Please use the sent "Bluebird_usb_driver")





USB Driver installation (4/6)

• Please check the correct path where you downloaded in the device. -> Click Next

3	Update Driver Software - Android	×
	Browse for driver software on your computer	
ſ	Search for driver software in this location: C:\Users\user\Desktop\Bluebird_usb_driver	▼ Browse
L	✓ Include subfolders 1.Check File Path	
	Let me pick from a list of device drivers on my This list will show installed driver software compatible with th software in the same category as the device.	computer le device, and all driver 2. Click!!
		Next Cancel



USB Driver installation (5/6)

• When Windows Security window is appeared, please select "install this driver software anyway"

😡 🗓 Update Driver Software - Android	
Installing driver software	
Windows Security	
Windows can't verify the publisher of this driver software	
 Don't install this driver software You should check your manufacture's website for updated driver software for your device. Install this driver software obtained from your manufacture's website or disc. Unsigned software from other sources may harm your computer or steal information. See details 	
🕞 📱 Update Driver Software - Android	Update Driver Software - Bluebird ADB Interface
Installing driver software	Windows has successfully updated your driver software
Waiting	Windows has finished installing the driver software for this device:
	Bluebird ADB Interface
	install Driver Success
	Close



Close

USB Driver installation (6/6)

• If you can see the Bluebird ADB Interface under the Android Device, you installed USB Driver successfully.

🚔 Device Manager	
File Action View Help	
 Android Device Check!! Bluebird ADB Interface Computer Disk drives Disk drives Display adapters DVD/CD-ROM drives Human Interface Devices Human Interface Devices IDE ATA/ATAPI controllers Imaging devices Keyboards Memory technology driver Mice and other pointing devices Monitors Network adapters Processors System devices Universal Serial Bus controllers WSD Print Provider 	



BOS Loader Description



1. Run the program > Select model > Select folder which image is located.





2. Select folder which image is located.

- **Ready for downloading** is shown when images for downloading are properly located.

·운로드 정보	-		1917	포더 겨르						
모델선택	Memory	H/W		2-1-8-			1) 4		00100000 D1 10	
F501 ~	해당사	·항없음			model_im	e s d 7		UI-EFSUI-AND/I-EN	I-20180830_R1.12	프 폴더 선택
				Check	sum	##88a	동산포			
·티션 정보										
modem	Spl1		sbl1	bak	🖂 rpm		rpmbak	🗹 tz	🖂 tzbak	devcfg
/ devcfgbak	dsp		aboo	ot	abo	otbak	✓ boot	recovery	✓ system	☑ cache
/ Iksecapp	✓ Iksec	appbak	Cmn	lib	🖂 cmn	libbak	cmnlib64	🗹 cmnlib64bak	keymaster	keymasterbak
mdtp										
)evice ID (E	FXXXXXXXXX)								
로드 대기중		Ś						경과시간: 00:00		
readt Wind										
2018 Micros Program File	ows [Versior soft Corporat es (x86)\Blue	n 10.0.17 ion. All rig bird\Cust	134.228 hts rese omer_V] erved. /ersion>a	adb start-	server				
) 2018 Micros	ows [Version soft Corporat es (x86)\Blue	n 10.0.17 ion. All rig bird\Cust	134.228 hts ress omer_V] erved. ersion>a	adb start-	server				
2018 Micros	ows [Version soft Corporat es (x86)\Blue	n 10.0.17 ion. All rig bird\Cust	L34.228 hts reso omer_V] erved. ersion>a	adb start-	Server	Completed 0%			
2018 Micros	ows [Version soft Corporat as (x86)\Blue	n 10.0.17 ion. All rig bird\Cust	L34.228 hts res omer_V] erved. ersion>a	adb start-	Server	Completed 0%			

3. Search for Device and Start with Downloading

- I. Fundamentally, the program automatically searches for a device connected through USB and gets it connected.
 - If it automatically does not get it connected, search for the device connected through USB through clicking Searching for
 Devices to get it connected manually.
- II. If the connected device exists, automatically, the **Download Start** button is activated so that click the **Download Start** button to start downloading the images.

모뎀선택	Mamony H/W	폴더 경	로				
	Memory H/W	D:\bb	_model_image\EF50	1\Android70\EF40	1-EF501-AND71-EN	-20180830_R1.12	2-u: 폭더 선택
F501 V	해당사항없음	Che	cksum 유효성검	증 완료			
과티션 정보							
🗹 modem	🗹 sbl1	🗹 sbl1bak	🗹 rpm	🗹 rpmbak	🗹 tz	🗹 tzbak	🗹 devcfg
🗹 devcfgbak	🗹 dsp	🗹 aboot	🗹 abootbak	🗹 boot	recovery	🗹 system	🗹 cache
✓ Iksecapp ✓ mdtp	🗹 Iksecappbak	🗹 cmnlib	🗹 cmnlibbak	Cmnlib64	🗹 cmnlib64bak	🗹 keymaster	🗹 keymasterbak
Device ID (EF	FXXXXXXXXXX)						
crosoft Windo 2018 Micros Program File	ows [Version 10.0.17 oft Corporation. All ri (x86)\Bluebird\Cus	[34.228] hts reserved. comer_Version) start-server		경과시간: 00:00		
도수 데가동 crosoft Windo 2018 Micros \Program File	ows [Version 10.0.17 oft Corporation. All riv es (x86)\Bluebird\Cus	134.228] hts reserved. comer_Version) start-server		경과시간: 00:00		
erosoft Winds 12018 Micros \Program File	ows [Version 10.0.17 oft Corporation. All riv es (x86)\Bluebird\Cus	134.228] hts reserved. comer_Version) start-server	Completed 0%	경과시간: 00:00		



Download Process

4. Proceed Downloading

- I. The progress bar is incremented on BOS Loader application
- II. The device is automatically entered in **FASTBOOT mode**.

나운로드 정보							
	La contra de la co	물덕 경로					
모릴선택	Memory H/W	C:\Users	\user\Desktop\EF5	01-AND71-EN-2018083	1_R1.12_RC-MIMO-	dist	AD AP
F501 ~	해당사람없음	Checks	sum 유塞성	김중 완료			
고티선 정보		1.12					
modem	sbl1	sbl1bak	rom.	rombak	V tz	🖂 tzbak	devcfa
devcfobak	2 den	2 sec	2 aboot	aboothak	2 boot	2 recovery	gystem
cache	V Iksecapp	ksecappbak	Cmnlib	cmnlibbak	cmnlib64	cmnib64bak	keymaster
keymaster	bak Z mdtp	- moscoppoor					
Device ID (ae	d261e1)						
sbl1bak) 파티션	다운로드중				경과시간: 00:19		
astboot -s aed/ huebird userda nished, total ti astboot -s aed/ arget reported ending 'modem VRAY [1.871s] VRAY [2.177s] inished, total ti astboot -s aed/ arget reported sending 'sbl1' (3 OKAY [0.047s] VRAY [0.047s]	261e1 getvar bluebird-us ta-size: me: 0.016s 561e1 flash modem \blue max download size of 52 (86016 KB) me: 4.048s 261e1 flash sbl1 \bluebin max download size of 52 263 KB)	erdata-size bird(NON-HLOS_EFS 36870912 bytes disbl1.mbn 36870912 bytes	01_11_03.bin				
KAY [0.031s] hished. total ti	ne: 0.078s						:
			Flas	Completed 7%			
			다운토드중			1	디바이스 찾기
BOS Loader C	ustomer Ver-0.4.5.4758	(for Android)					- 0
운로드 정보		응더 경로					
모멸선택	Memory H/W	C:Wisers	user/Deskton/EE5	01-4ND71-EN-2018085	31 R1 12 RC-MIMO	dist	
501 🗸	해당사랑없음	Checks	sum 유포성	경증 완료	1_1112_10-148-10-1	uac	물이 선택
		2 ehlthak	2 mm	2 mmh ak	D In	2 tabak	develo
티션 성보	1 0 0 1	SOLLOGK	o ipin	Ipinoak	V Lz	CZDAK	develg
비선 성보 	sbl1		C I I I I I I I I I I I I I I I I I I I				 A set of the set of
티전 정보 ✓ modem ✓ devcfgbak	i dsp	sec	aboot	- amalikkak	anna libré A	- recovery	system
티션 정보 ✓ modem ✓ devcfgbak ✓ cache ✓ keymaster	✓ sbl1 ✓ dsp ✓ lksecapp bak ✓ mdtp	🔽 sec 🔽 Iksecappbak	cmnlib	cmnlibbak	cmnlib64	cmnlib64bak	v system keymaster
· modem · modem · devcfgbak · cache · keymaster	✓ sbl1 ✓ dsp ✓ lksecapp bak ✓ mdtp	🔽 sec 🔽 lksecappbak	⊘ aboot ⊘ cmnlib	Cmnlibbak	Cmnlib64	cmnlib64bak	i system ✓ keymaster
modem devcfgbak cache keymaster Device ID (ae	✓ sbl1 ✓ dsp ✓ ksecapp bak ✓ mdtp d261e1)	⊻ sec ⊻ Iksecappbak	✓ aboot ✓ cmnlib	Connlibbak	21284(7): 01:19	cmnlib64bak	⊻ system ✓ keymaster
부터전 정보	sbl1 dsp ksecapp ksecapp d261e1) Gg⊈⊆⊆ Km.	✓ sec ✓ Iksecappbak	cmnlib	Cmnlibbak	Cmnlib64 전과시간: 01:19	⊂ cmnlib64bak	⊻ system ✓ keymaster
파티션 정보 / modem / devcfgbak / cache / keymaster Device ID (ae system) 관리선 miting 'abootba KAY (0.0316)	y sbl1 v dsp	✓ sec ✓ Iksecappbak	✓ aboot ✓ cmnlib	Crmnlibbak	전 cmnlib64 광과시간: 01:19	cmnlib64bak	v system
파리엔 정보 V modem V devcfgbak C cache V keymaster Device ID (ae system) 파티션 viting abootba kVV [0.0316] nished, total tir		✓ sec ✓ lksecappbak	✓ aboot ✓ cmnlib	cmnlibbak	♥ cmnlib64 광과시간: 01:19	cmnlib64bak	⊻ system ✓ keymaster
부터 전 성보 V modem V devcfgbak V cache V keymaster Device ID (ae system) 관리선 riting abootba kky [0.0315] vished, total br stboot -s aed		sec Itsecappbak	✓ aboot ✓ cmnlib	Cmnlibbak	로마미b64 광과시간: 01:19	☐ recovery y ✓ cmnib64bak	⊻ system ⊻ keymaster
부전 정보	→ sbl1 → dap → ksecapp → ksecapp d261e1) q2==2, K te: 0.0785 fold flash boot \bluebin max download size of 52 1375 K8) 1375 K8)	V sec V lksecappbak	✓ aboot ✓ cmnlib	Cmnlibbak	☑ cmnlib64 광과시간: 01:19	⊂ recovery v	✓ system ✓ keymaster
부단 정보		✓ sec ✓ ksecappbak Iksecappbak d\boot.img bo870912 bytes	v aboot	 cmnlibbak 	전 cmnlib64 경과시간: 01:19	⊂ mnlib64bak	✓ system ✓ keymaster
부터 전 정보 modem devcfgbak cache keymaster Device ID (ae system) 관태선 iting abootba iting abootba iting boot iting boot	sbl1 dap ksecapp bak mdtp d261e1) q€±E€ K ne: 0.0785 f61e1 flash boot \bluebin max download size of 52 11375 KB)	✓ sec ✓ ksecappbak d\boot.img ks970912 bytes	✓ aboot ✓ cmnib	v cmnlibbak	전 cmnlib64 정과시간: 01:19	⊂ record y ✓ cmnlib64bak	v system
부금 연 정보 modem devcfgbak cache keymaster Device ID (ae system) 관리선 system) 관리 system)		v sec v lksecappbak dbootimg 35870912 bytes	v aboot	cmnlibbak	군 cmnlib64 광과시간: 01:19	cmnlib64bak	⊻ system √ keymaster
부터 영상 modem devcfgbak cache bevice ID (ae system) 파티언 inished. total tri arget reported ending boot(WAY (0.273s) mished. total tri arget reported ending boot(WAY (0.273s) mished. total tri astboot -s aed(total tri astboot -s aed()	shb1 v dap v kaecapp kaecapp v kaecapp v kaecapp kecapp v kaecapp	✓ sec. ✓ ksecappbak ✓ lbootimg 86870912 bytes ebirdfyecovery.img	Connib	cmnlibbak	전 cmnib64 평과시간: 01:19	⊂ cmnlib64bak	⊻ system keymaster
H=(d' dM modem devcfgbak cache keymaster bevice ID (ae system) R=(d' viting 'aboetba viting 'aboetba viting 'aboetba viting 'aboetba viting 'aboetba viting 'boot'. xxy (0.2796) nished. total tr sstboot -s aedc nishes total tr sstboot -s aedc	bbl1 dg	v sec v Iksecappbak duboot.img 36870912 bytes ebirdYecovery.img 68870912 bytes	Constant	cmnlibbak	전 cmnib64 광고사진: 01:19	cmnib64bak	⊻ system ✓ keymaster
부분 영 정보 · · · · · · · · · · · · · · · · · · ·	bbl1 dg dg bbl2 dg	v sec v Iksecappbak dibootimg p6870912 bytes ebirdVecovery.img 86870912 bytes	Crmnib	cmnlibbak	· cmnlb64	cmnib64bak	v system keymaster
HEI (1 %) modem devcfgbak cache cache keymaster levice ID (ae system) Rel(4 mode) mode system) Rel(4 mode) notified settoot - saed arget reported arget reported settoot - saed arget reported settoot - sae	this is the second of the	Sec Esecappbak dibooting 36870912 bytes ebirdly.ecovery.img 6870912 bytes	v aboot	cmilbbak	· cmnlb64	cmniko4bak	v system
HE (d %) modem devcfgbak cache cache keymaster Device ID (ae system) Ref(d way (0.0318) mshed, total tr bashed, total tr sathoot - saets mathed,	thill the set of the set	sec Bisecappbak diboot.img 66870912 bytes 66870912 bytes	Crmnib	cmnlibbak	· cmnlb64 광과시간: 01:19	Crimito64bak	v system
Het dw modem devcfgbak cache devcfgbak kaymaster bevice ID (ae system) #Fig system) #Fig system) #Fig system) are system) are syst	thill the set of the set	sec Basecappbak	v aboot	cmilbbak	· cmnib:64 광과사건: 01:19	cmil64bak	v system
1년 영제 에 modem 에 devcfgbak 에 cache keymaster Device ID (ae system) 유뢰원 inthe 'abootta' inthe 'abo	thill the set of the set	sec Basecappbak dboot.img 26870912 bytes sebirdVecovery.img 26870912 bytes	v aboot v cmnlb	⊂ cmnlibbak	☑ cmnlbb64 ચ고자시간: 01:19	Crimibo4bak	v system
HE & X modem ✓ modem devcfgbak ✓ devcfgbak cache ✓ devcfgbak cache ✓ bevice ID (ae system) 3-814 Ø bevice ID (ae system) 3-814	definition d	sec Basecappbak	Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Con	connibbak	· Cmnibi64	cmnlb64bak	v system v keymaster
1412 34 modem devcfpbak cache ksymaster Device ID (ac system) 7412 ksymaster Device ID (ac system) 7412 stabet for a constraint stabet	this is the importance of	sec Rescappbak	v aboot v cmnib	completed 50%	로 mnib64 평교사진: 01:19	centle64bak	vystem keymaster
He (3 M) modem devcfpbak cache keymaster bevice ID (ae system) Peter keymaster bevice ID (ae system) total tr systed. total tr system total tr syst	definition d	ec e	book ≥ dimm ⊂ fish	comitbak	· cmil64	⊂ cmib64bak	_ system keymaster



PDA Side

Desktop Side



5. Complete Downloading

- The device is automatically restarted when downloading is complete with the message, Download is completed!! and the progress bar for downloading reaches 100% with the message, Flash Completed 100%.
- II. The device is on Bluebird splash screen for approx. 3 5 minutes before Welcome screen is displayed.



Desktop Side



PDA Side



Fastboot Error

If you detect an error, you modify it using the steps below.

모일선택 Memory H/W ····································	모일선택 *501 ····································	<u> </u>			폴더 경로					
해당사람없음 Checksum 유효성감증 완료 FB선 정보 · modem sbl1 · devcfgbak dsp · devcfgbak dsp · cache · lksecapp · keymasterbak · mdtp · Device ID (aed261e1) · g과시간: 01:19 system) 파티선 다운로드로 · g과시간: 01:19 · Stboot devices · stboot devices · Stboot devices · stboot devices · Stboot devices · stboot devices	해당사항값을 Checksum 유표성검증 완료 FILd 정보 Checksum 유표성검증 완료 Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem Imodem I	모델선택	Memory H/W		C:\Users\	user\Desktop\EF5	01-AND71-EN-2018083	31_R1.12_RC-MIMO-	dist	
부탁선 정보 · modem · sbl1 · sbl1bak · rpm · rpmbak · tz · tzbak · devcfg · devcfgbak · dsp · sec · aboot · abootbak · boot · recovery · system · cache · ksecapp · ksecappbak · cmnlib · keymasterbak · mdtp · bevice ID (aed261e1) system) 파티션 다운르트薹 경과시간: 01:19 · corosoft Windows [Version 10.0.17134.228] · 2018 Microsoft Corporation. All rights reserved. · \Program Files (x86)\BlueBird\Customer_Version>adb start-server etting the Fast boot mode. (0 Second) d -s EFS0044LELFSRFBA146 reboot bootloader stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices	Reld 정보 · modem · sbl1 · sbl1bak · rpm · rpmbak · tz · tzbak · devcfg · devcfgbak · dsp · sec · aboot · abootbak · boot · recovery · system · cache · Iksecapp · Iksecappbak · cmnlib · cmnlibbak · cmnlib64 · cmnlib64bak · keymaster · keymasterbak · mdtp · pevice ID (aed261e1) system) 파티선 다운로드통 · · · · · · · · · · · · · · · · · ·	F501 🗸	해당사항없음		Checks	um 유효성	검증 완료			
· modem · sbl1 · sbl1bak · rpm · rpmbak · tz · tzbak · devcfg · devcfgbak · dsp · sec · aboot · abootbak · boot · recovery · system · cache · lksecapp · lksecappbak · cmnlib · cmnlibbak · cmnlib64 · cmnlib64bak · keymaster · keymasterbak · mdtp · · · · · · · · · · · · · · · · · · ·	Image: Section of the section o	파티션 정보								
✓ devcfgbak ✓ dsp Sec ✓ aboot ✓ abootbak ✓ boot ✓ recovery ✓ system ✓ cache ✓ lksecapp ✓ lksecappbak ✓ cmnlib ✓ cmnlibbak ✓ cmnlib64 ✓ cmnlib64 ✓ cmnlib64bak ✓ keymaster ✓ keymasterbak ✓ mdtp ✓ Device ID (aed261e1) system) 과터선 다운로드증 Ø Uses of the second of th	· devcfgbak · dsp · sec · aboot · aboot · recovery · system · cache · Iksecapp · Iksecappbak · cmnlib · cmnlibbak · cmnlib64 · cmnlib64bak · keymaster · keymasterbak · mdtp · cmnlibbak · cmnlib64 · cmnlib64bak · keymaster · boot · cmnlib64 · cmnlib64bak · cmnlib64bak · keymaster · boot · cmnlib64 · cmnlib64bak · keymaster · boot · cmnlibbak · cmnlibbak · cmnlib64 · boot · cmnlibbak · cmnlibbak · cmnlib64 · boot · setSoot · setSoot · setSoot · boot · setSoot · setSoot · setSoot · boot · setSoot · setSoot · setSoot · setSoot · setSoot · setSoot · s	wodem	sbl1	Spl1	1bak	🔽 rpm	🔽 rpmbak	🔽 tz	🔽 tzbak	devcfg
✓ cache Iksecapp ✓ Iksecappbak ✓ cmnlib ✓ cmnlibbak ✓ cmnlib64 ✓ cmnlib64bak ✓ keymaster ✓ keymasterbak ✓ mdtp Device ID (aed261e1) system) 파티선 다운로트증 icrosoft Windows [Version 10.0.17134.228]) 2018 Microsoft Corporation. All rights reserved. \Program Files (x86)\BlueBird\Customer /Version>adb start-server etting the Fast boot mode () Second) db -s EF500A4LELFSRFBA146 reboot bootloader stboot devices stboot devices stboot devices stboot devices	✓ cache Iksecapp ✓ Iksecappbak ✓ cmnlib ✓ cmnlibbak ✓ cmnlib64 ✓ keymasterbak ✓ mdtp Device ID (aed261e1) system) 파티선 다운로드증 ② 2018 Microsoft Corporation. All rights reserved. (>Program Files (x86)\BlueBird\Customer_Version>adb start-server etting the Fast boot mode(0 Second) db -s EF500A4LELFSRFBA146 reboot bootloader astboot devices a	🖂 devcfgbak	🗹 dsp	✓ sec		🖂 aboot	🖂 abootbak	🗹 boot	recovery	🗸 system
✓ keymasterbak ✓ mdtp Device ID (aed261e1) system) 파티선 다운로드증 icrosoft Windows [Version 10.0.17134.228] 2018 Microsoft Corporation. All rights reserved, \Program Files (x86)\BlueBird\Customer_Version>adb start-server etting the Fast boot mode (O Second) b -s EF500A4LELFSRFBA146 reboot bootloader istboot devices stboot devices stboot devices stboot devices stboot devices	✓ keymasterbak ✓ mdtp Device ID (aed261e1)	🖂 cache	🗸 lksecapp	🖂 lkse	ecappbak	🖂 cmnlib	🖂 cmnlibbak	cmnlib64	🗹 cmnlib64bak	🗹 keymaster
] Device ID (aed261e1) system) 파티선 다운로드증 경과시간: 01:19 icrosoft Windows [Version 10.0.17134.228]) 2018 Microsoft Corporation. All rights reserved. (\Program Files (x86)\BlueBird\Customer_Version>adb start-server etting the Fast boot mode(0 Second) db -s EF500A4LELFSRFBA146 reboot bootloader istboot devices istboot devices istboot devices istboot devices istboot devices istboot devices	Device ID (aed261e1) system) 파티선 다운로드중 경과시간: 01:19 icrosoft Windows [Version 10.0.17134.228] 2 2018 Microsoft Corporation. All rights reserved. (Vprogram Files (X86)\BlueBird\Customer_Version>adb start-server etting the Fast boot mode(0 Second) db -s EFS0044LELFSRFBA146 reboot bootloader istboot devices istboot devices	🔽 keymasterba	ik 🔽 mdtp							
system) 파티션 다운로드좋 경과시간: 01:19 crosoft Windows [Version 10.0.17134.228]) 2018 Microsoft Corporation. All rights reserved. \Program Files (x86)\BlueBird\Customer_Version>adb start-server stting the Fast boot mode(0 Second) tb -s EFS00A4LELFSRFBA146 reboot bootloader stboot devices stboot devices stboot devices stboot devices stboot devices	system) 파티션 다운로드좋 경과시간: 01:19 crosoft Windows [Version 10.0.17134.228]) 2018 Microsoft Corporation. All rights reserved. \Program Files (x86)\BlueBird\Customer_Version>adb start-server atting the Fast boot mode(0 Second) db -s EFS00A4LELFSRFBA146 reboot bootloader stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices	Device ID (aed2	261e1)							
crosoft Windows [Version 10.0.17134.228] 2018 Microsoft Corporation. All rights reserved. \Program Files (x86)\BlueBird\Customer_Version>adb start-server atting the Fast boot mode(0 Second) ib -s EF500A4LELFSRFBA146 reboot bootloader stboot devices stboot devices stboot devices stboot devices stboot devices	crosoft Windows [Version 10.0.17134.228] 2018 Microsoft Corporation. All rights reserved. \Program Files (x86)\BlueBird\Customer_Version>adb start-server tting the Fast boot mode(0 Second) th -s EFS0044LELFSRFBA146 reboot bootloader stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices stboot devices Failed to check Device ID!! :(Elapsed time: 00:21)	Construction Construction	9-3-3-5-6-174							
	Failed to check Device ID!! :(Elapsed time: 00:21)	system) 파티션 다 crosoft Windo) 2018 Microso \Program Files stting the Fast lb -s EF500A4l	운로드중 ws [Version 10.0.17 ft Corporation. All r (x86)\BlueBird\Cus boot mode(0 Se LELFSRFBA146 rebo	134.228 ights res stomer_V cond) ot bootlo) erved. /ersion>ad	db start-server		경과시간: 01:19		
		system) 파티션 다 licrosoft Windo c) 2018 Microso (\Program Files etting the Fast db -s EF500A4(astboot devices astboot devices astboot devices astboot devices astboot devices astboot devices	SESS ws [Version 10.0.17 ft Corporation. All r s (x86)\BlueBird\Cus boot mode(0 Se LELFSRFBA146 rebo	134.228 ghts res tomer_V cond) ot bootlo (Elapse)	:] erved. /ersion>ad bader d time: 00	db start-server		경과시간: 01:19		
		(system) 파티션 다 Microsoft Windo c) 2018 Microso L:\Program Files etting the Fast db -s EF500A41 astboot devices astboot devices astboot devices astboot devices astboot devices astboot devices astboot devices	운로드중 ws [Version 10.0.17 fft Corporation. All r s (x86)\BlueBird\Cus boot mode(0 Se LELFSRFBA146 rebo	(134.228 ights res tomer_V cond) ot bootlo (Elapse)	i) erved. /ersion>ad bader d time: 00	db start-server		경과시간: 01:19		
		system) 파티션 다 icrosoft Windo :) 2018 Microso :) Program Files etting the Fast db -s EF500A4(astboot devices astboot devices astboot devices astboot devices stboot devices stboot devices stboot devices	운로드중 ws [Version 10.0.17 fft Corporation, All r s (x86)\BlueBird\Cus boot mode(0 Se LELFSRFBA146 rebo	(Elapser	:] erved. /ersion>ad bader d time: 00	db start-server		결과시간: 01:19		
Flash Completed 56%	Flash Completed 56%	system) 파티션 다 licrosoft Windo c) 2018 Microso (\Program Files etting the Fast db -s EF500A44 astboot devices astboot devices astboot devices astboot devices astboot devices astboot devices	운로드중 ws [Version 10.0.17 fft Corporation. All r s (x86)\BlueBird\Cus boot mode(0 Se LELFSRFBA146 rebo	(134.228 ghts res tomer_V cond) ot bootlo (Elapse	i] erved. /ersion>ac bader d time: 00	db start-server 1:21)	Completed 56%	경과시간: 01:19		



Requirements

Driver

X Install Driver (Bluebird-USB-Drivers-V0.9.4.zip)

- 1. Unzip "Bluebird-USB-Drivers-V0.9.4.zip"
- 2. Connect EF501 to PC
 - I. If you already install drivers, you don't need to install driver when the device is connected to PC
- 3. Select "Android" in device manager
- 4. Update driver one by one
 - I. Android Click on right mouse button on this icon
 - II. Update driver -> Browse my computer for driver software -> Select Bluebird-USB-Drivers-V0.9.4.zip folder -> Next





Requirements Driver

X Install Driver (Bluebird-USB-Drivers-V0.9.4.zip)

- 3. If "Windows Security" pop-up window appears, check the check box "Always trust BlueBird.inc S/W" and click "install" button
- 4. Finish driver update and click "close" button



- 6. Update the rest of Android the same way if it still exists
- 7. Do the download image step again





Thank you!

For more information **www.mypidion.com** Copyright © 2014 Bluebird Inc. All Rights Reserved.