Preparation

- 1. Set up two monitors (or portable screens).
- 2. Connect Mind to a power source and turn it on.
- 3. Connect Mind to one monitor; all subsequent upgrade steps will be performed on this monitor.
- 4. Connect the HDMI port of Mind Dock that is displaying abnormally to the other monitor (or portable screen).
- 5. Connect Mind to Mind Dock.

Upgrade Steps

1. Download and extract the .zip upgrade firmware package.

K dl.khadas.com/products/mind-dock/hdmi

1 (Parent Dir)		
Name	Size	Mod
dock-hdmi-v1.10-240827.zip	2 MB	28-Aug-2024 02:44:00
mind-dock-hdmi-firmware-upgrade-tutorial.pdf	249 kB	28-Aug-2024 02:57:11

2. Right-click the .exe file and click **Run as administrator**.

Name		Date m	odified			Туре		Size	
AuxUpdateexe		09/09/	2022 16	5:17		_EXE File		2,772 KB	
4- AuxUpdate								2,772 KB	
🔊 config	X	Q	<u>(</u>)	Ē	Ū		ettings	1 KB	
S ControlLib.dll		Open				Enter	ension	216 KB	
dock-hdmi-v1.10-240827(0x60).hex	B	Share						180 KB	
DperateCardLib.dll	G	Run as	admir	nistrato	r		ension	693 KB	
DperateCardLib.lib	\Diamond	Pin to	Start					9 KB	
	☆	Add to	Favou	irites					
		Comp	ess to	ZIP file					
	<u>().</u>	Сору а	is path			Ctrl+Shift+C			
	B	Proper	ties			Alt+Enter			
	62	Show	more c	ptions					

3. Click Get Firmware Info.

PS186 AuxUpdate V22.01.04.01			×
Во	ootloader Version Num:		
Firmw	are Version Num:		
	Get Fin	mware Info	
	Download Firmware	Backup Firmware	
	[
		Exit	

4. Click Download Firmware.

PS186 AuxUpdate V22.01.04.01				×
I	Bootloader Version Num:	6.0	0.0	
Firm	ware Version Num:	0x02	0x55	
		Get Firmware	Info	
	Download Firmware		Backup Firmware	
	Ready			
		Exit		

5. Select the .hex firmware file and click **Open**.

🕬 Open														\times
$\leftarrow \rightarrow$	~	\uparrow	×	Doc >	dock-h		\sim	C	Se	arch do	ock-hc	lmi-v1.1	0-24	Q
Organise •		New fo	older									•		?
de	ock-hd	lmi-v1.	10-2408	327(0x60).	hex									
	doc	k hdm		240927	(0x60) bo	v Data	modifi	ad. 26	102	2024 1	4.05			
	HEX	File	11-V 1.10	-240027	(0x00).ne	x Date I	Si	ea: 26 ize: 18	80 KE	2024 1	4:05			
		File	name:	dock-hdn	ni-v1.10-2	40827((0x60).h	iex ~	HE	X Files	(*.hex)			~
										Ope	n		Cancel	

6. Click **OK** to start the upgrade. During the upgrade, make sure that Mind and Mind Dock are properly connected and powered.

-		0.00	0.55	
Firmware	version Num:	0x02	0x55	
		Get Firmware Info		
_	AuxUpdate		×	
E	Start to update. Please don't turn off	power before update proc	tess finishes mware	
		[ок	
Read	ly			

7. Wait for the upgrade to complete, and then click **OK**.

- PS186 AuxUpdate	V22.01.04.01	3
	Bootloader Version Num: 6.0.0	
	Firmware Version Num: 0x02 0x55	
	Get Firmware Info	
	AuxUpdate X	
	DC Firmware downloaded. Please shut down and power on again! Ware	
	ок	
	Firmware downloaded.	
	Exit	

- 8. Disconnect Mind Dock from Mind, and then reconnect Mind Dock to Mind.
- At this point, the HDMI firmware upgrade for Mind Dock is complete, and the previously abnormal HDMI port should now output normally. Note: If both HDMI ports of Mind Dock display abnormally, please connect the other abnormal port to the second monitor (or portable screen), and then repeat steps 2 to 8.