

A high-resolution singlehead KVM extender. Ultra high-definition 4K60 video, USB 2.0 and audio are transmitted on a single CATx or fiber cable.

High performance KVMA extender that is designed to provide reliable and real-time access to critical computers regardless of the location, while maintaining the same user desktop user experience.

ADDERLink® XD641 R





Single-Head DCI 4K60 Video

Supports single head 4096x2160@60Hz (DCI 4K60) with 24-bit colour and 4:4:4 chroma.

Extenders



Up to 4km Extension

Supports both copper and fiber interfaces. Provides a range of up to 100m/328ft over a CAT6 cable link, and up to 4km/2.5 miles over an optical fiber link (Fiber SFP modules sold seperately).



Emulated USB 2.0

Emulation ensures reliable connection of up to four full and low speed HID devices, from mouse and keyboards through to graphics tablets and jog shuttles.



Plug and Play

Uses a low-latency point-to-point protocol over a single CATx or fiber cable that works as soon as it is connected. No network set-up, driver or software is required.





Digital Audio over DisplayPort

Supports up to eight channels of 24-bit, 192kHz sampled PCM audio over the DisplayPort connection.



Analog Audio

Plug analog line in/out and headphones directly into the receiver. Audio is transmitted as bi-directional stereo 24-bit/96kHz using either analog or USB connection to the host.



Monitor Flexibility

EDID management allows the monitor capabilities to be passed back to the host computer for optimum compatability. Additionally, a local monitor may be connected at the transmitter side.



Serial communications

RS232 can be passed between the units to a maximum rate of 115200 baud with RTS/CTS flow control.

Video Information (1 Screen)	
Maximum Resolution (1 Screen)	4096 x 2160
Frame Rate (1 Screen)	60 Hz
Color Depth (1 Screen)	8 bpc
Video Additional Information	
Video Additional Information	Second DisplayPort outputs a duplicate signal.
Console Connections	
USB A	4x 2.0, True Emulation (HID Only),Full Speed
Full Size DisplayPort	2x 1.2
Link Ports	
8p8c (RJ45)	1x
SFP+	1x
Serial Ports	
Serial Connection	1x RS232
Maximum Baud Rate	115200
Serial Additional Information	With RTS/CTS flow control
Serial Connection Type (console)	RJ12 (6p6c)
Audio Connections	
Audio Connections Audio Type	Analog/Digital
	Analog/Digital 2x
Audio Type	5 5
Audio Type Channels	2x
Audio Type Channels Audio Direction	2x Bi-directional
Audio Type Channels Audio Direction	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM
Audio Type Channels Audio Direction Audio Additional Information	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24 96
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In Port	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24 96 1x 3.5mm jack
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In PortAudio Out Port	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24 96 1x 3.5mm jack
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In PortAudio Out PortCable Requirements	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24 96 1x 3.5mm jack 2x 3.5mm jack
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In PortAudio Out PortCable RequirementsCAT5e	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24 96 1x 3.5mm jack 2x 3.5mm jack 50m / 164ft
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In PortAudio Out PortCable RequirementsCAT5eCAT6 (SFTP)	2x Bi-directional Also supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection 24 96 1x 3.5mm jack 2x 3.5mm jack 50m / 164ft 100m / 328ft
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In PortAudio Out PortCable RequirementsCAT5eCAT6 (SFTP)Fiber (MM)Fiber (SM)	2xBi-directionalAlso supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection24961x 3.5mm jack2x 3.5mm jack50m / 164ft100m / 328ft400m / 1312ft
Audio TypeChannelsAudio DirectionAudio Additional InformationSize (bit)Speed (kHz)Audio In PortAudio Out PortCable RequirementsCAT5eCAT6 (SFTP)Fiber (MM)	2xBi-directionalAlso supports 8 channels of 24-bit/192kHz PCM audio over the DisplayPort connection24961x 3.5mm jack2x 3.5mm jack50m / 164ft100m / 328ft400m / 1312ft

Comparising Temperature Range °C / °F0 to 40 °C / 32 to 104 °FStorage Temperature °C / °F Range-10 to 50 °C / 14 to 122 °FOperating Humidity (%)0% - 80% (non-condensing)Storage Humidity (%)0% - 80% (non-condensing)Altitude m/ft2,000 / 6562Mean Time Between Failure (MTBF)500,000 hMTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower Source1x12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical Design186 / 7.3Construction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsApprovals and StandardsC., CULus - E476334, FCC, ICES, RCM, UKCAApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63, 4, EN/IEC 62368-1, ENS5032 / CISPR 32, ENS5030, CISPR 35, EN61000-3-2, EN61000-3-2, EN61000-3-2, EN61000-3-2, EN61000-3-2, EN61000-3-2, EN63000, FCC pt 15B, ICES003	Environmental	
Storage Temperature °C / °F Range-10 to 50 °C / 14 to 122 °FOperating Humidity (%)0% - 80% (non-condensing)Storage Humidity (%)0% - 80% (non-condensing)Altitude m/ft2,000 / 6562Mean Time Between Failure (MTBF)500,000 hMTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower Source1212V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz, 12 VDC 18W output from power supply unitPhysical DesignConstructionConstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xApprovals and StandardsCe, cULus - E476334, FCC, ICES, RCM, UKCAApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN5003/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt 158, ICES003		0 to 40 °C / 32 to 104 °F
Operating Humidity (%)0% - 80% (non-condensing)Storage Humidity (%)0% - 80% (non-condensing)Altitude m/ft2,000 / 6562Mean Time Between Failure (MTBF)500,000 hMTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower Source12V 3-pin12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignConstructionConstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xCompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN5003/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt 158, ICES003		-10 to 50 °C / 14 to 122 °F
Storage Humidity (%)0% - 80% (non-condensing)Altitude m/ft2,000 / 6562Mean Time Between Failure (MTBF)500,000 hMTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower Source12V 3-pin12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignConstruction MaterialKonstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55003 /CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003		0% - 80% (non-condensing)
Altitude m/ft2,000 / 6562Mean Time Between Failure (MTBF)500,000 hMTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower Source1x12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz, 12 VDC 18W output from power supply unitPhysical Design2Construction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55003 / CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003		
Mean Time Between Failure (MTBF)500,000 hMTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower Source1x12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical Design100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical Design186 / 7.3Construction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55003 / CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003		
MTBF StandardTelcordia SR332 Issue 4 March 2016 Calculated @ 55CTemperature RegulationFanlessPower SourceInt12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignIntConstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)197 / 1.5Depth (mm) / (in.)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xApprovals and StandardsAll known operating systemsApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, ENS5032 / CISPR 32, ENS5035 / CISPR 35, ENG1000-3-2, ENG1000-3-3, ENG3000, FCC pt 15B, ICES003	Mean Time Between Failure (MTBF)	· · · · · · · · · · · · · · · · · · ·
Temperature RegulationFanlessPower SourceIx12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical Design100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical Design100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)186 / 7.3Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xCompatibilityAll known operating systemsOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAAnsl 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt 158, ICES003		Telcordia SR332 Issue 4 March 2016 Calculated @
Power Source12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignConstruction MaterialConstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)39 / 1.5Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003		55C
12V 3-pin1xInput Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignEdited State	Temperature Regulation	Fanless
Input Power SupplyPSU 18WPower Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignImage: Supply 2000 Su	Power Source	
Power Additional Information100-240 VAC, 47/63Hz. 12 VDC 18W output from power supply unitPhysical DesignImage: Construction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Image: ConstructionHeight (mm) / (in.)186 / 7.3Image: ConstructionDepth (mm) / (in.)148 / 5.8Image: ConstructionWeight (kg) / (lb)1.24 / 2.7Front Panel FeaturesImage: CompatibilityMulti color status LEDs4xCompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55035 / CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt 15B, ICES003	12V 3-pin	1x
power supply unitPhysical DesignConstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)39 / 1.5Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, ENS5032 / CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Input Power Supply	PSU 18W
Physical DesignConstruction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)39 / 1.5Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityOS CompatibilityOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsEN5035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt 15B, ICES003	Power Additional Information	100-240 VAC, 47/63Hz. 12 VDC 18W output from
Construction MaterialRobust metal constructionWidth (mm) / (in.)186 / 7.3Height (mm) / (in.)39 / 1.5Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityOS CompatibilityOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003		power supply unit
Width (mm) / (in.)186 / 7.3Height (mm) / (in.)39 / 1.5Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityQS CompatibilityOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsEN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Physical Design	
Height (mm) / (in.)39 / 1.5Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsOS CompatibilityCE, cULus - E476334, FCC, ICES, RCM, UKCAApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsEN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Construction Material	Robust metal construction
Depth (mm) / (in.)148 / 5.8Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsOS CompatibilityCE, cULus - E476334, FCC, ICES, RCM, UKCAApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Width (mm) / (in.)	186 / 7.3
Weight (kg) / (lb)1.24 / 2.7Front Panel Features4xMulti color status LEDs4xCompatibilityAll known operating systemsOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 / CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Height (mm) / (in.)	39 / 1.5
Front Panel FeaturesMulti color status LEDs4xCompatibilityAll known operating systemsOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Depth (mm) / (in.)	148 / 5.8
Multi color status LEDs4xCompatibilityAll known operating systemsOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Weight (kg) / (lb)	1.24 / 2.7
CompatibilityAll known operating systemsOS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Front Panel Features	
OS CompatibilityAll known operating systemsApprovals and StandardsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Multi color status LEDs	4x
Approvals and StandardsApprovalsCE, cULus - E476334, FCC, ICES, RCM, UKCAStandardsANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Compatibility	
Approvals CE, cULus - E476334, FCC, ICES, RCM, UKCA Standards ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	OS Compatibility	All known operating systems
Standards ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Approvals and Standards	
EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, EN63000, FCC pt15B, ICES003	Approvals	CE, cULus - E476334, FCC, ICES, RCM, UKCA
EN63000, FCC pt15B, ICES003	Standards	ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32,
		EN55035/CISPR 35, EN61000-3-2, EN61000-3-3,
OtherCal Prop 65, China ROHS, EU REACH, UK REACH		EN63000, FCC pt15B, ICES003
	Other	Cal Prop 65, China ROHS, EU REACH, UK REACH



What's in the Box?	
1x TX and RX pair	
2x Power supply unit w	ith country specific mains cable
1x DisplayPort [®] cable (W	/SCD18)
1x USB cable (VSC24)	
1x Audio 2m/6ft cable	
1x Quick start guide	
Ordering Information	
XD641P-DP-XX	ADDERLink [®] 4K single-head extender
Related Accessories (Se	old Separately)
ADDER [®] VSCD DisplayPort [™] Cable	
ADDER [®] SFP-SM-LC-100	5
ADDER [®] SFP-MM-LC-10	G
ADDER [®] Rackmount Kit	RMK15-SH

Adder and the Adder logo are trademarks of Adder Technology Ltd, Cambridge, UK. All other trademarks are the property of their respective owner and may be registered in the United States Patent and Trademark Office and in other countries. Information contained in this data sheet is up-to-date and correct as at the date of issue. As Adder Technology cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of planned use. Images are for illustrative purposes only. Adder reserves the right to make changes to this specification without notice.

Copyright 2025 | Adder Technology Ltd.