icore

Innovation to the Core



CoaXPress®

iPlus CXP6 Repeater

Key Features

- Supports 1.25G, 2.5G, 3.125G, 5G and 6.25G
- Standard DIN 2.3/1.0
- Supports PoCXP and external 24V DC power (18–35V)

icore
innovation to the Core

iPlus CXP6 Repeater

Specifications

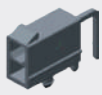
Model	IPLUS-CXPR-DIN1	IPLUS-CXPR-DIN2	IPLUS-CXPR-DIN4
Downlink Data Rate	CXP-1, CXP-2, CXP-3, CXP-5, CXP-6		
Uplink Data Rate	20.83Mb/s		
Connector Type	DIN 2.3/1.0		
Channel	1 CH	2 CH	4 CH
Operating Temperature	0℃ – 50℃		
Power Requirements	PoCXP 24V (18 ~35V) DC		
Power Supply	Power adapter (not included) or PoCXP compliant		
Power Consumption	Typ. 1W	Typ. 1W	Typ. 1W
Dimension (W × L × H)	54.4 x 29.5 x 27.7 (mm)		104.4 x 29.5 x 28.3 (mm)

The Maximum Allowed Cable Length of IPLUS-CXPR

Configuration	Length between Camera and Repeater	Length between Camera and Repeater
CXP-6	20m	20m

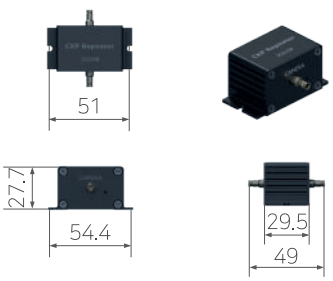


Connector Specification (IPLUS-CXPR-DIN4 Only)

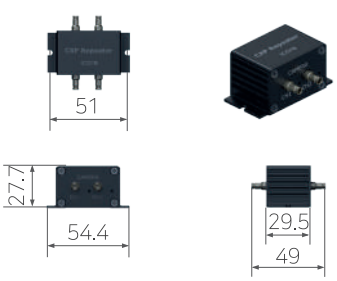
Plug (User) : Molex 39012020 (5557-02R)	Receptacle : Molex 26013114 (5569-02A2)
	

Mechanical Dimensions

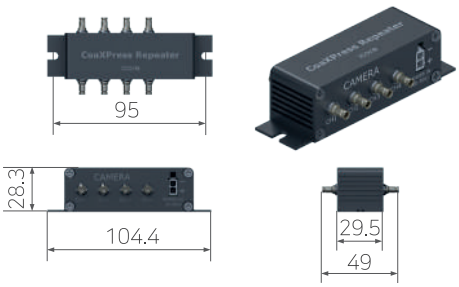
IPLUS-CXPR-DIN1



IPLUS-CXPR-DIN2



IPLUS-CXPR-DIN4



icore innovation to the Core

Tel. +82-70-7600-1411 E-mail. icore@icorecorp.com Web. icorecorp.com

Copyright 2021. iCore Co., Ltd. All Rights Reserved

icore

Innovation
to the Core



CoaXPress®

iPlus CXP12 Repeater

Key Features

- Supports 1.25G, 2.5G, 3.125G, 5G, 6.25G, 10G and 12.5Gbps
- Standard Micro BNC (HD BNC)
- Supports PoCXP and external 24V DC power (18–35V)
- CXP2.0 Compliant

icore
innovation to the Core

iPlus CXP12 Repeater

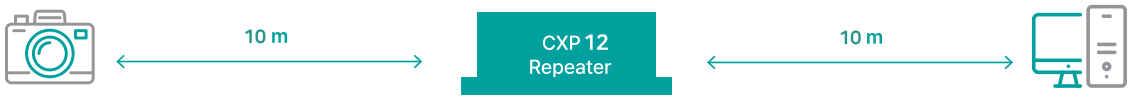
Specifications

Model	IPLUS-CXPR-HDB1	IPLUS-CXPR-HDB2	IPLUS-CXPR-HDB4
Downlink Data Rate	CXP-1, CXP-2, CXP-3, CXP-5, CXP-6, CXP-10, CXP-12		
Uplink Data Rate	20.83Mb/s, 41.66Mb/s		
Connector Type	Micro BNC (HD BNC)		
Channel	1 CH	2 CH	4 CH
Operating Temperature	0℃ – 50℃		
Power Requirements	PoCXP 24V (18 ~35V) DC		
Power Supply	Power adapter (not included) or PoCXP compliant		
Power Consumption	Typ. 1W	Typ. 1W	Typ. 1W
Dimension (W × L × H)	54.4 x 28.4 x 27.7(mm)		104.4 x 28.4 x 28.3(mm)

The Maximum Allowed Cable Length of IPLUS-CXPR

Configuration	Length between Camera and Repeater	Length between Camera and Repeater
CXP-12	10m	10m

*On the basis of Hirakawa Hewtech cable

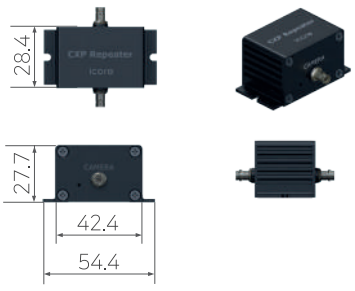


Connector Specification (IPLUS-CXPR-HDB4 Only)

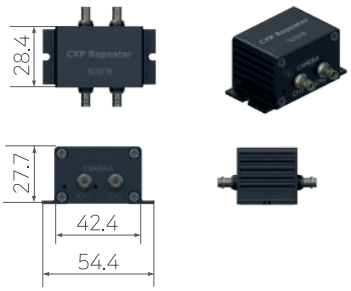
Plug (User) : Molex 39012020 (5557-02R)	Receptacle : Molex 26013114 (5569-02A2)
	

Mechanical Dimensions

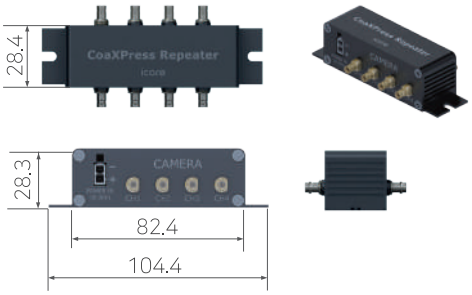
IPLUS-CXPR-HDB1



IPLUS-CXPR-HDB2



IPLUS-CXPR-HDB4



icore innovation to the Core

Tel. +82-70-7600-1411 E-mail. icore@icorecorp.com Web. icorecorp.com

Copyright 2021. iCore Co., Ltd. All Rights Reserved

icore

Innovation to the Core



CAMERA Link
REGISTERED PRODUCT

iPlus Camera Link Repeater Premium Type

Key Features

- Camera Link Base/Dual Base/Full Configuration
- SDR / MDR Cameralink Cable
- Camera Link clock rate up to 85MHz
- Receive Equalization Feature
- Transmit Pre-Emphasis Feature
- PoCL Compliant

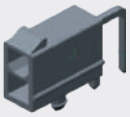
icore
innovation to the Core

iPlus Camera Link Repeater

Specifications

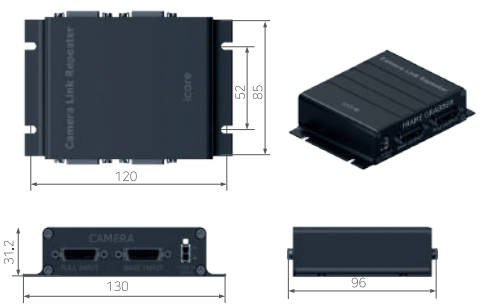
Model	IPLUS-CLR-SFP	IPLUS-CLR-SFP(S)	IPLUS-CLR-SBP(S)	IPLUS-CLR-DBP(S)
Camera Link Configuration	Base/Medium/Full	Base/Medium/Full	Base	Dual Base
Pixel Clock	20 – 85 MHz			
Connector Type	MDR 26 - PoCL compliant	SDR 26 - PoCL compliant		
Operating Temp	0℃ – 50℃			
Power Requirement	8 – 30V DC			
Power Supply	Power adapter (not included) or PoCL compliant			
Power Consumption	Typ. 8W	Typ. 8W	Typ. 4W	Typ. 6W
Max. cable length (Cam – iPLUS / iPLUS – Grabber)	20m/25m @40MHz 15m/20m @60MHz 10m/15m @85MHz			

Connector Specification

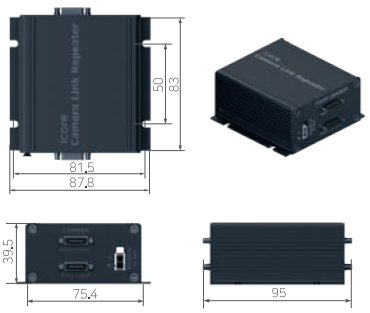
Plug (User) : Molex 39012020 (5557-02R)	Receptacle : Molex 26013114 (5569-02A2)
	

Mechanical Dimensions

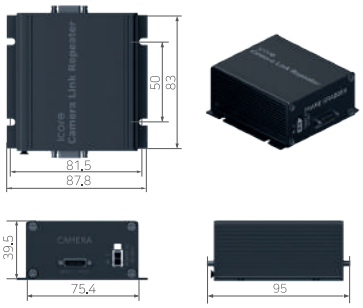
IPLUS-CLR-SFP



IPLUS-CLR-SFP(S)/DBP(S)



IPLUS-CLR-SBP(S)



icore innovation to the Core

Tel. +82-70-7600-1411 **E-mail.** icore@icorecorp.com **Web.** icorecorp.com

Copyright 2021. iCore Co., Ltd. All Rights Reserved

icore

Innovation to the Core



CAMERA Link REGISTERED PRODUCT

iPlus Camera Link Repeater Standard Type

Key Features

- Camera Link Base/Dual Base/Full Configuration
- SDR / MDR Cameralink Cable
- Camera Link clock rate up to 85MHz
- PoCL Compliant

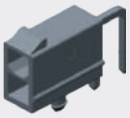
icore innovation to the Core

iPlus Camera Link Repeater

Specifications

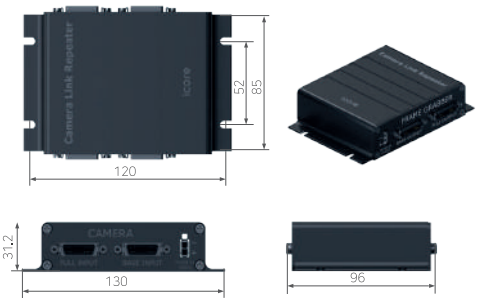
iPLUS Series	IPLUS-CLR-SFS	IPLUS-CLR-DBS	IPLUS-CLR-SFS(S)	IPLUS-CLR-DBS(S)	IPLUS-CLR-SBS(S)
Camera Link Configuration	Base/Medium/Full	Dual Base	Base/Medium/Full	Dual Base	Base
Pixel Clock	20 – 85 MHz				
Connector Type	MDR 26 - PoCL compliant		SDR 26 - PoCL compliant		
Operating Temp	0℃ – 50℃				
Power Requirement	8 – 30V DC				
Power Supply	Power adapter (not included) or PoCL compliant				
Power Consumption	Typ. 2W	Typ. 2W	Typ. 2W	Typ. 2W	Typ. 1W
Max. cable length (Cam – iPLUS / iPLUS – Grabber)	10m/10m @40MHz 8m/8m @60MHz 5m/5m @85MHz				

Connector Specification

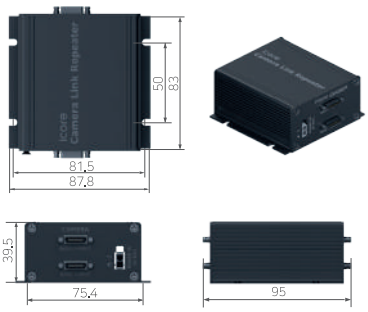
Plug (User) : Molex 39012020 (5557-02R)	Receptacle : Molex 26013114 (5569-02A2)
	

Mechanical Dimensions

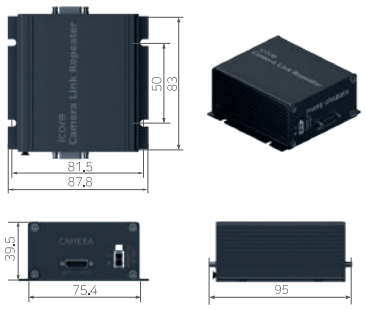
IPLUS-CLR-SFS/DBS



IPLUS-CLR-SFS(S)/DBS(S)



IPLUS-CLR-SBS(S)



Tel. +82-70-7600-1411 E-mail. icore@icorecorp.com Web. icorecorp.com

Copyright 2021. iCore Co., Ltd. All Rights Reserved

icore

Innovation
to the Core



iPlus Camera Link Splitter

Key Features

- Camera Link Base/Medium/Full Configuration
- Standard Cameralink Cable
- Camera clock rate up to 85MHz
- Interfaces one camera to two/three frame grabbers
- PoCL Compliant

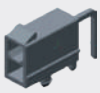
icore
innovation to the Core

iPlus Camera Link Splitter

Specifications

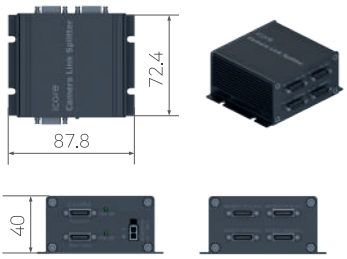
iPLUS Series	IPLUS-CLS-SF2	IPLUS-CLS-SF4	iPLUS-CLS-MF2	IPLUS-CLS-MF3
Output channel	2CH	4CH	2CH	3CH
Camera Link Configuration	Camera Link Base/Medium/Full			
Pixel Clock	20 – 85 MHz			
Connector Type	SDR 26 - PoCL compliant		MDR 26 - PoCL compliant	
Operating Temperature	0℃ – 50℃			
Power Requirement	PoCXP 12V (8 ~30V) DC			
Power Supply	Power adapter (not included) or PoCL compliant			
Power Consumption	Typ. 2W	Typ. 3W	Typ. 2W	Typ. 3W
Weight	180g	500g	180g	500g

Connector Specification

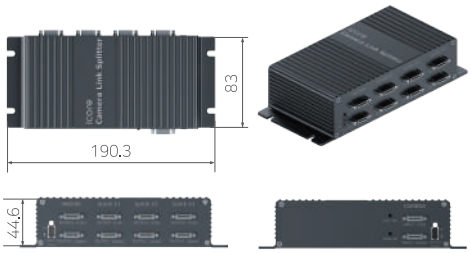
Plug (User) : Molex 39012020 (5557-02R)	Receptacle : Molex 26013114 (5569-02A2)
	

Mechanical Dimensions

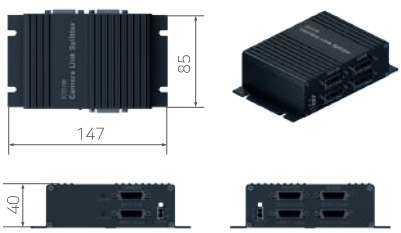
IPLUS-CLS-SF2



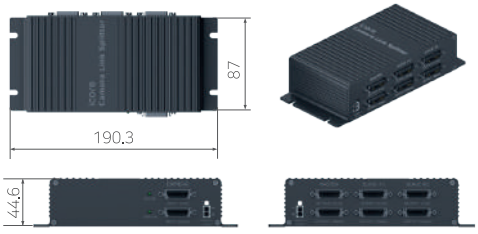
IPLUS-CLS-SF4



IPLUS-CLS-MF2



IPULS-CLS-MF3



icore innovation to the Core

Tel. +82-70-7600-1411 E-mail. icore@icorecorp.com Web. icorecorp.com

Copyright 2021. iCore Co., Ltd. All Rights Reserved