

icore

Innovation to the Core



iPlus Camera Link Repeater

Key Features

- Camera Link Base Configuration
- Camera clock rate up to 85MHz
- Transmit Pre-Emphasis Feature (SBP & DBP)
- Standard Cameralink Cable
- Receive Equalization Feature (SBP & DBP)
- PoCL Compliant

iPlus Camera Link Repeater

Specifications

iPLUS Series	iPLUS-CLR-SBS(S)	iPLUS-CLR-DBS(S)	iPLUS-CLR-SBP(S)	iPLUS-CLR-DBP(S)
Camera Link Configuration	Single Base	Dual Base	Single Base	Dual Base
Pixel Clock	20 – 85 MHz			
Connector Type	SDR 26 - PoCL compliant			
Operating Temp	0°C – 50°C			
Power Requirement	8 – 30V DC			
Power Supply	Power adapter (not included) or PoCL compliant			
Power Consumption	Typ. 0.6W	Typ. 1W	Typ. 3.5W	Typ. 6W
Dimension (W×H×L)	87.8 × 39.5 × 83(mm)			
Max. cable length (Cam - iPLUS / iPLUS - Grabber)	10m / 10m @40MHz 8m / 8m @60MHz 5m / 5m @85MHz	20m / 25m @40MHz 15m / 20m @60MHz 10m / 15m @85MHz		

Connector Specification

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

Mechanical Dimensions

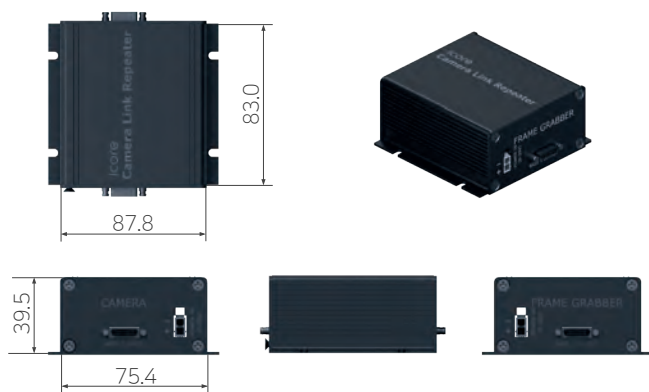


Figure 2 iPLUS-CLR-SBS(S)/SBP(S)

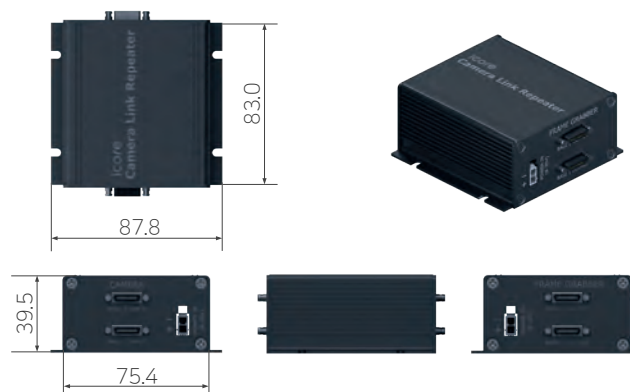


Figure 1 iPLUS-CLR-DBS(S)/DBP(S)