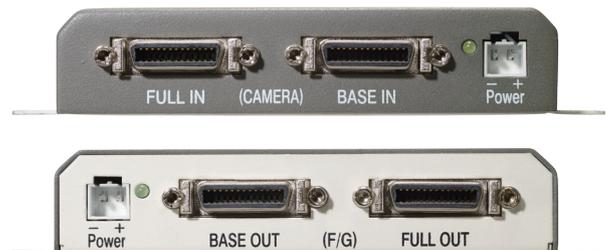


VLink Series

Camera Link Repeater



VLink Series is a cost-effective Camera Link repeater to dramatically increase the distance between a camera and frame grabber. It amplifies video signals that are attenuated on the Camera Link cable and doubles the available cable length through LVDS output connector equipped with a pre-emphasis feature. VLink Series allows not only to simplify the machine vision systems but also to save the cost with the least number of the repeaters and cables.

VLink Series

CAMERA LINK REPEATER

Main Features

- * Doubles the maximum distance between camera and frame grabber
- * Supports Camera Link Base, Medium and Full configurations
- * PoCL compatibility allows to use PoCL cameras and frame grabbers
- * Supports cascade configuration to extend greater distances
- * Optional power input receptacle to use with non-PoCL frame grabber
- * Plug-and-Play, no programming required
- * Robust industrial housing

Applications

- * General Machine Vision Inspection

Specifications

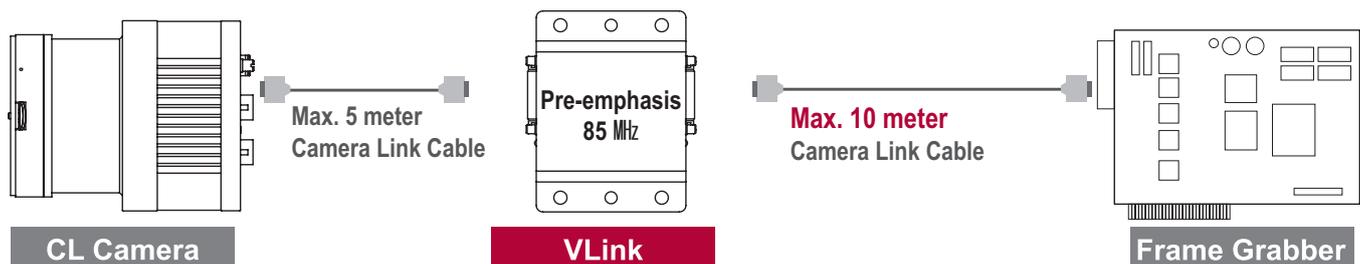
Model	VLink – BASE	VLink – FULL
Camera Link Configuration	Base	Base / Medium / Full
Pixel Clock	20 ~ 85 MHz	
Connector Type	MDR 26 / PoCL Compliant	
Operating Temperature	0°C ~ 50°C	
Power Requirements	8 ~ 24 V DC	
Power Supply	Power adapter (not included) or PoCL compliant	
Power Consumption	Typ. 2W	Typ. 4W
Weight	160 g	400 g
Dimension (W × H × L)	92 mm × 23 mm × 68 mm	132 mm × 23 mm × 87.5 mm
Compliance	CE, FCC, KC	

Max. Cable Length[†] by Pixel Clock

Configuration		Camera to VLink	VLink to VLink or Frame Grabber
Cable Length	40 MHz	< 10 m	< 20 m
	60 MHz	< 8 m	< 15 m
	85 MHz	< 5 m (4 m at 10 Tap)	< 10 m

[†]: Max. cable length may vary depending on the type of cables and systems.
Standard Camera Link cables are recommended.

Triplies the Link Distance



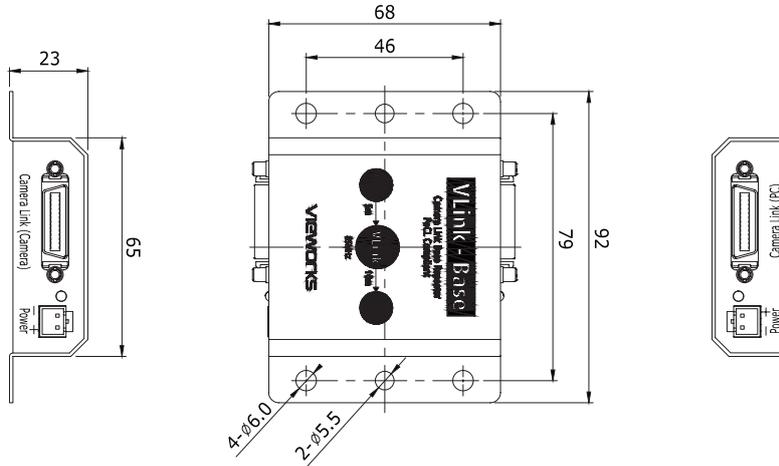
VLink Series

CAMERA LINK REPEATER

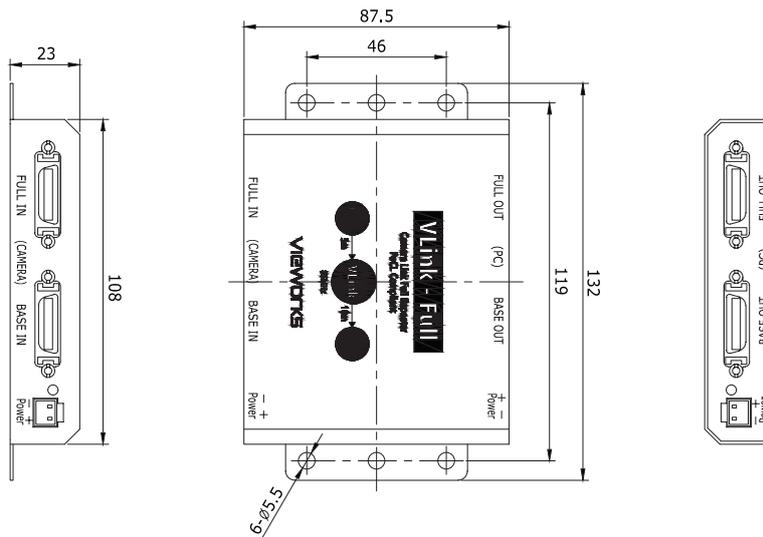
Mechanical Dimensions

Unit: mm

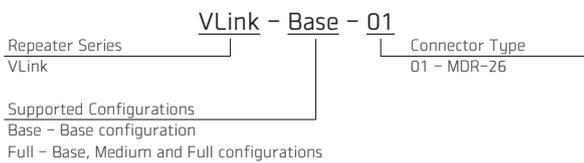
VLink BASE



VLink FULL



Ordering Scheme



Connector Specification

Power



Female socket: Molex, 51067-2
3.5 mm pitch

For more information please contact local distributor or visit our website at <http://www.vieworks.com>.

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VIEWORKS

41-3, Burim-ro 170 beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14055 Republic of Korea
tel +82-70-7011-6161 fax +82-31-386-8631 e-mail sales@vieworks.com