

Fiber Optic Extender



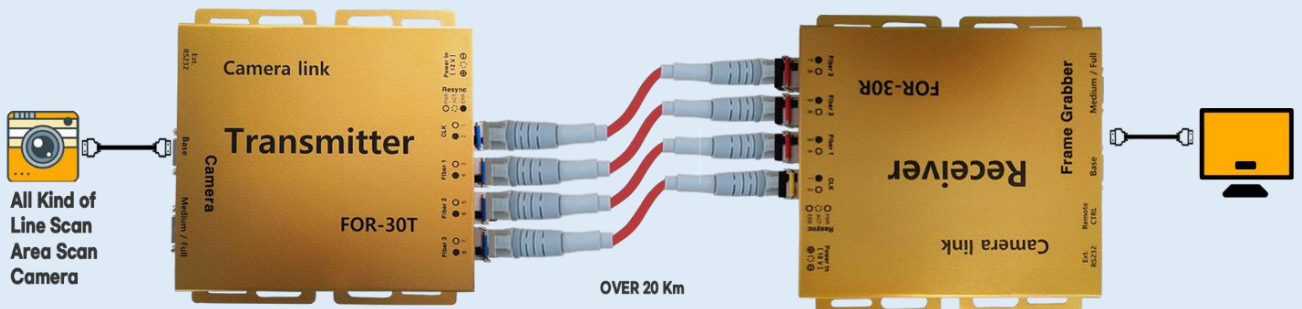
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<http://syscomkorea.com>



Frame Lossless Automatic Camera Matching

Perfect automatic camera matching for all kinds of vision cameras.

User-friendly, No need to reconstruct firmware by frequency

Support All Frequency, **Real Time, Frame Lossless**

Support **"10 TAPS @85MHz"**, Internal/External RS232C ,

All Baud Rate , 20MHz~85MHz, Digital User IO

Support All Area Scan / Line Scan Camera

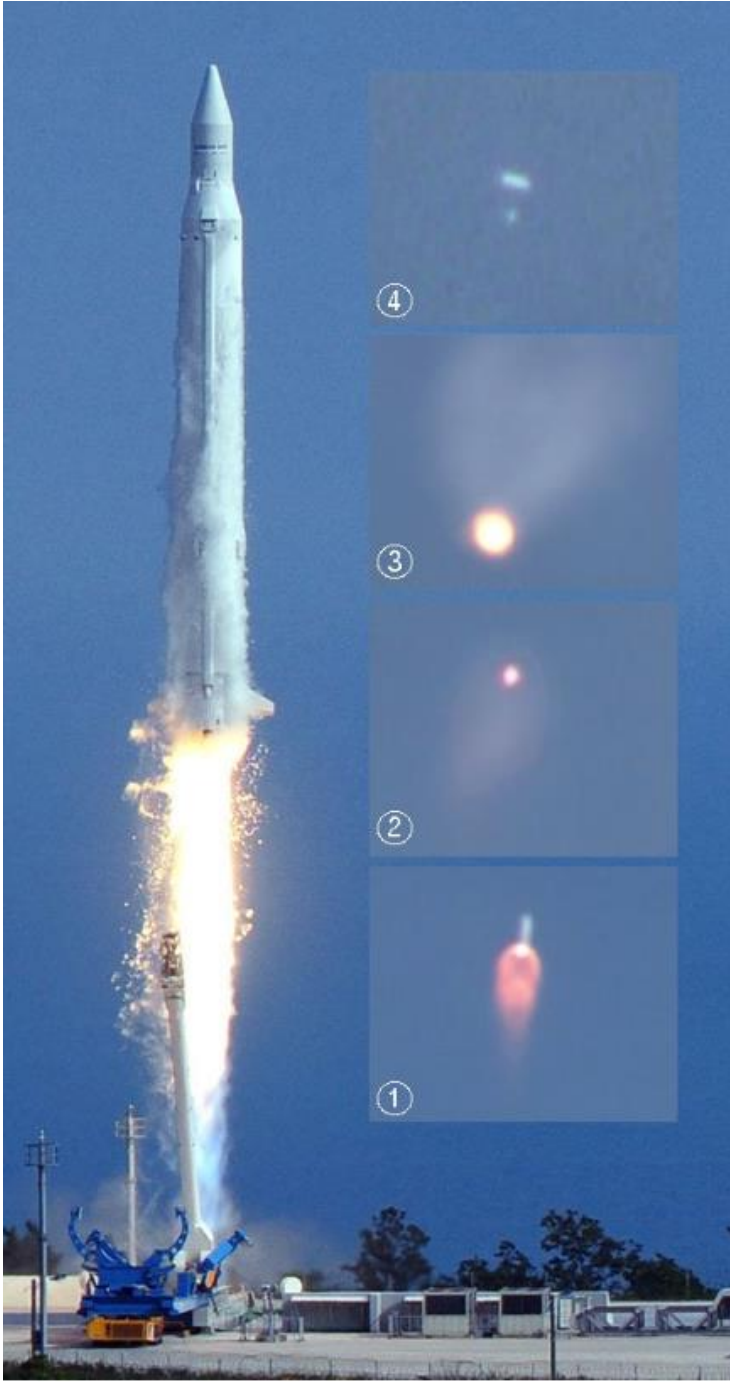
Support Base / Medium / Full Config.

SFP type module

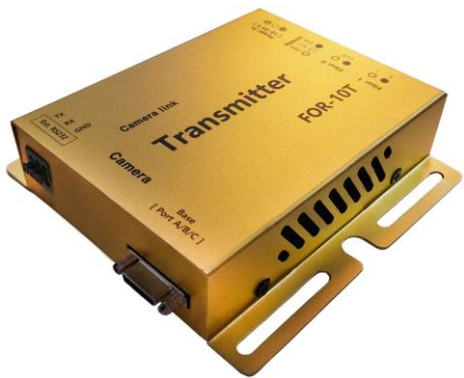
Support Camera Power from Tx Box

Moving or Non-Moving Fiber Cable





Frame Lossless
Automatic Matching

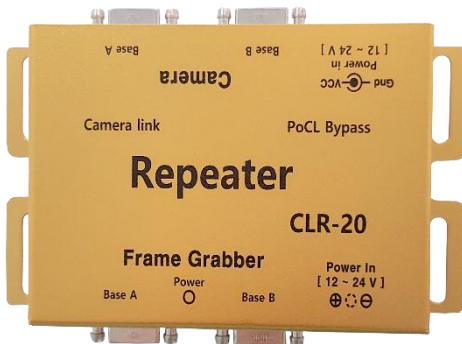
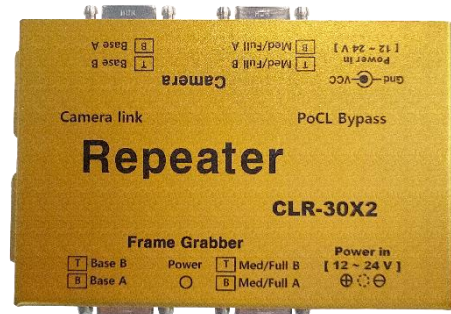
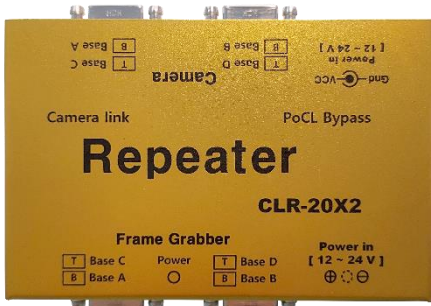


	Model No.	Config.	Conn.	Features
Extender (Repeater)	FOR-10T/R	Base	SDR	2C-MM(300m) / 1C-SM(2Km), FPGA
	FOR-30T/R	Base/Medium/Full,	SDR	8C-MM(300m) / (4C-SM(2Km), FPGA
Splitter	FOS-10T/R	Base	SDR	2C-MM(300m) / 1C-SM(2Km), 1:2 Split , FPGA
	FOS-30T/R	Base/Medium/Full,	SDR	8C-MM(300m) / (4C-SM(2Km), 1:2 Split FPGA
USB3.0 Extender	FU3-1T/R		USB	Max.Transmission Distance 50m ~100m (or more)
HD-SDI RS485 Ext.	FS1-1T/R		BNC	RS-485/232,Max.Transmission Distance 2Km (or more)

PoCL Bypass Camera Link

Repeater

for Machine Vision



Feature

Transmits longer distances than competitor's products

Small size, minimizes interference between parts

Multi-layer configurations, reducing space

Model No.	Camera Config.	Conn.	Feature
CLR-20	Dual Base/Medium	SDR	Standard Distance
CLR-30	Base/Medium/Full	SDR	Standard Distance
CLR-30X2	2 x Base/Medium/Full	MDR	CLR-30, 2 Layer
CLR-20X2	2 x Dual Base/Medium	MDR	CLR-20, 2 Layer

PoCL Bypass Camera Link

Multiplexer

for Machine Vision

(4:1 Camera Selector)



Feature



- Lossless Transmission
- 1'st Layer Base Config., 2'nd Layer Medium/Full Config.
- 4 Select one of the cameras
- Manual (Switch) or Remote (RS232) camera selection
- Supports pixel frequencies from 20 to 85 MHz

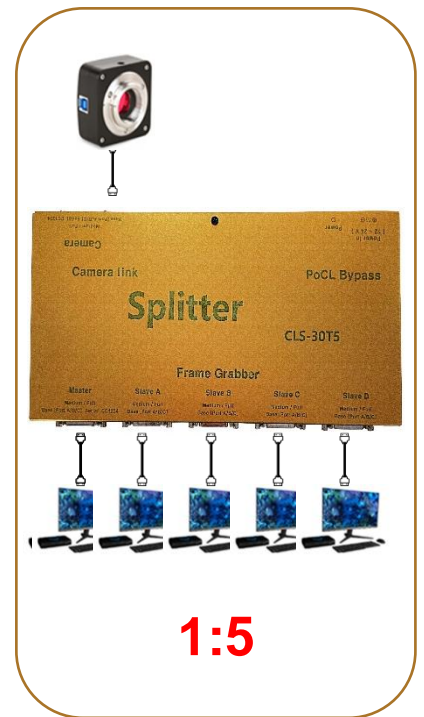
Model No.	Camera Config.	Conn.	Feature
CLM-300C4	Base/Medium/Full	MDR	4:1 Selector (Repeater Embadded)

PoCL Bypass Camera Link

Splitter

for Machine Vision

(1:2 1:3 1:5 Split)



Feature

Digital output signal isolation using FPGA

Block internal heat using external adapter

Automatic check for resetting the connection status of the external cable in real time (by Internal MCU)

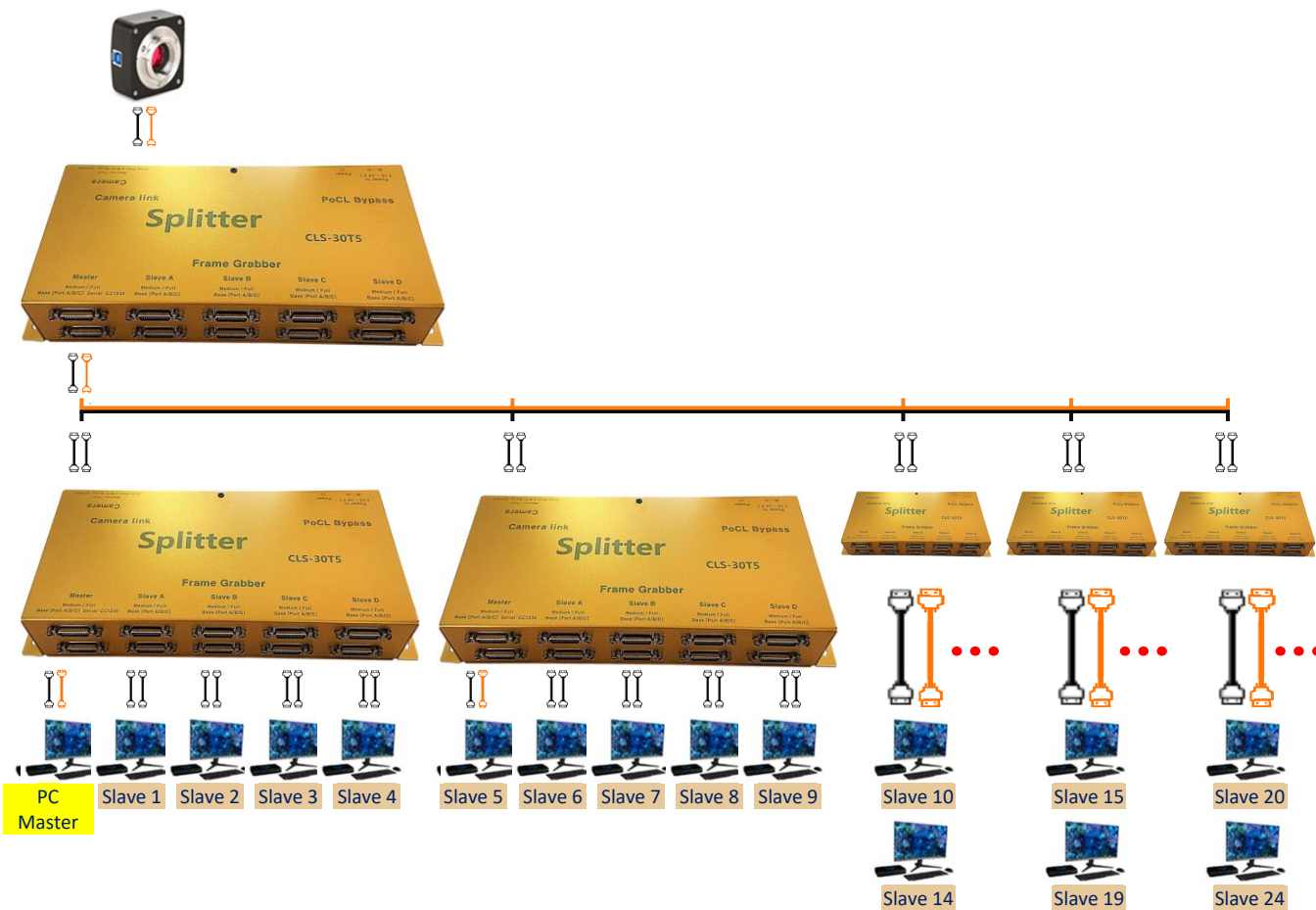
Reliable re-creation of signals entered into the product and transmission to external

Model No.	Camera Config.	Conn.	PoCL Bypass	Feature
CLS-30T2S	Base/Medium/Full	SDR	Support	1:2 Splitter (Repeater Embadded)
CLS-10T2S	Base	SDR	Support	1:2 Splitter (Repeater Embadded)
CLS-30T3	Base/Medium/Full	MDR	none	1:3 Splitter (Repeater Embadded)
CLS-30T5	Base/Medium/Full	MDR	Support	1:5 Splitter (Repeater Embadded)

PoCL Bypass Camera Link

How to Split 25_{CH}?

(1:25 Split)



1:25 Split

16_{CH} Trigger Generator

How can we control so many cameras and devices?

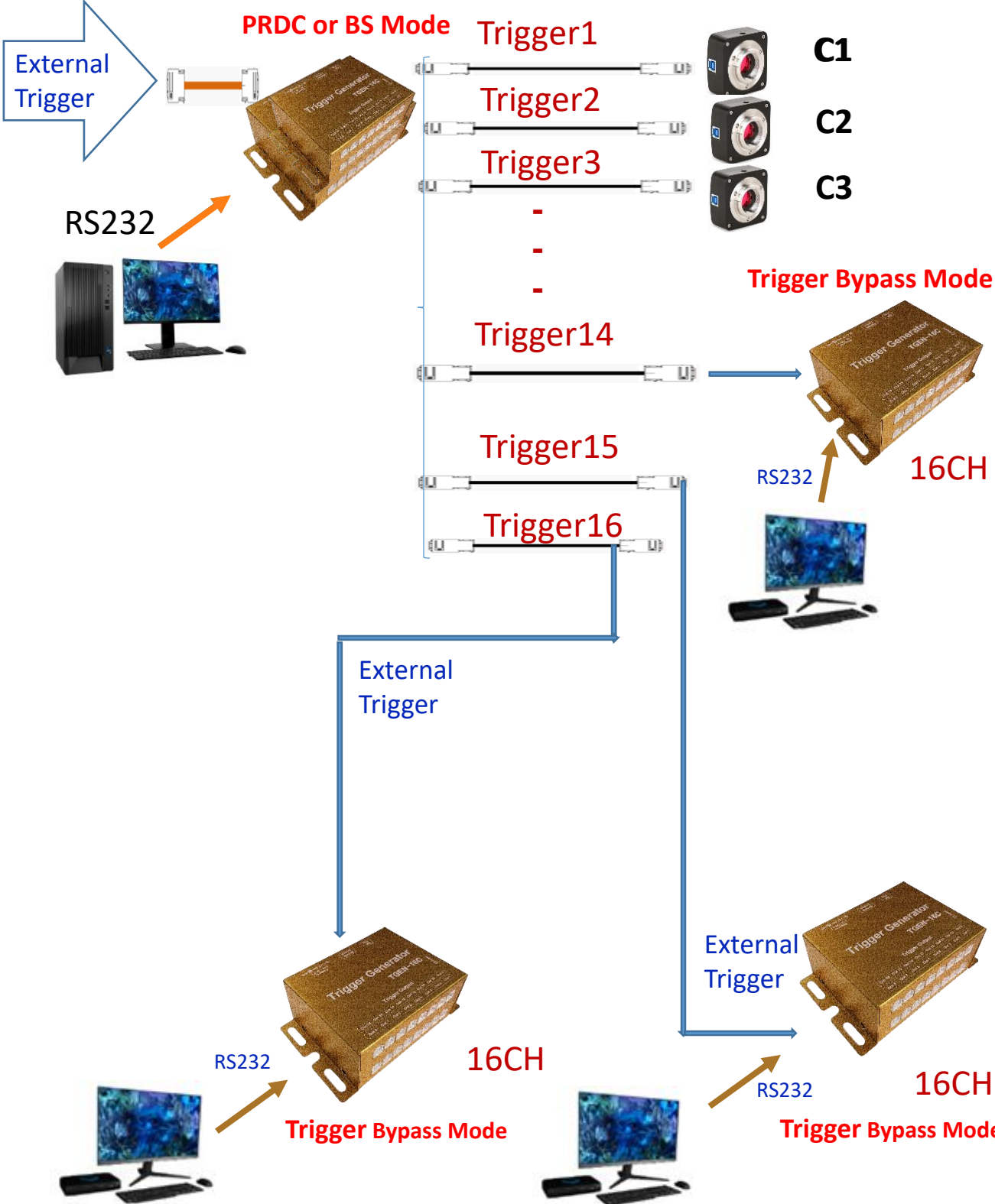


**Simple Frequency
DR control
1 [Hz] to 1 [MHz]**

**16CH, Trigger
Cycle mode
Molex 2P**

SYSKOM KOREA

You can Control 256 Devices with TGen-16C



For Machine Vision Industrial Camera Link

USB3.0 Fiber Optic Extender

Bi-directional
High Speed
Communication

