



# COMPATIBILITY TEST

LABORATORY SERIES

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## Testing Documentation

Subject: Machine Vision Cameras Compatibility versus Newnex Length Solutions

Goal: To ensure compatibility between Newnex' Connectivity Solutions and IDS uEye Camera

Duration: over 24hrs

Location: Newnex' Technical Laboratory, 3041 Olcott St., Santa Clara, CA 95054

Camera tested:

IDS uEye CP USB 3.0: Model # UI-3240CP-C-HQ and # UI-3240CP-M-GL

Newnex Product tested:

US226-AMCB-5M (both locking and non locking)

FireNEX-uLink 8M

FireNEX-uLink 12M

## Detailed Testing Parameters

Newnex' Testing Parameters:	
Operating System:	Windows 7 Home Preimum 64 bits with Intel H77 Chipset. CPU: i5-3450
PCIe Card	SIIG DP SuperSpeed USB 2-port PCIe with Renansas Chipset Driver verison: 2.0.30.0

## Test Results

Desired Distance	Machine Vision Camera	
	Types	IDS uEye CP USB 3.0
	Model #	UI-3240CP-C-HQ UI-3240CP-M-GL
	Version (mono/color)	Both
	MP	1.3
5M	Newnex' US226-AMCB-5M (with or without locking screws)	COMPATIBLE
8M	FireNEX-uLink 8M	COMPATIBLE
12M	FireNEX-uLink 12M	COMPATIBLE
Testing Specification		
	Color Code During Test	RGB 32 (Color) Mono 8 (Monochrome)
	Transfer Rates During Test (fps)	30
	Resolution During Test (pixels)	1280x1024

## Conclusion

With over 24 hours of comprehensive testing, Newnex US226-AMCB-5M (USB 3.0 Cable), FireNEX-uLink 8M, and FireNEX-uLink 12M demonstrate to be fully compatible with IDS uEye CP USB 3.0 Camera, Model# UI-3240CP-C-HQ and # UI-3240CP-M-GL.