



COMPATIBILITY TEST

LABORATORY SERIES

3041 Olcott St. | Santa Clara, CA 95054
408.986.8024 | f 408.986.9988 | p
information@newnex.com | www.newnex.com | w

Testing Documentation

Subject: Machine Vision Cameras Compatibility versus Newnex Length Solutions
Goal: To ensure compatibility between Newnex' Connectivity Solutions and Ximea XiQ USB 3.0 Camera
Duration: over 24hrs
Location: Newnex' Technical Laboratory, 3041 Olcott St., Santa Clara, CA 95054

Camera tested:
Ximea XiQ USB 3.0: Model # MQ013MG-E2 and # MQ013CG-E2

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	Ximea XiQ USB 3.0
	Model #	MQ013MG-E2 MQ013CG-E2
	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 8 (Color) Mono 8 (Monochrome)
	Transfer Rates During Test (fps)	61.5
	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 Ximea XiQ USB 3.0 Camera, Model# MQ013MG-E2 and # MQ013CG-E2.