

LinkSquare[®] NIR Specs

Hardware

Size (L x W x H)	114.0 x 23.9 x 23.9 mm / 4.5 x 0.9 x 0.9 in
Weight	57g / 2oz
Charging Method	Micro USB Cable
Charging Time	< 1.5 hrs
Battery Life (Active)	~ 1000 scans
Battery Life (Idle)	24 hrs
Number of Light Sources	1
Connectivity	Wi-Fi (802.11 b/g/n*)

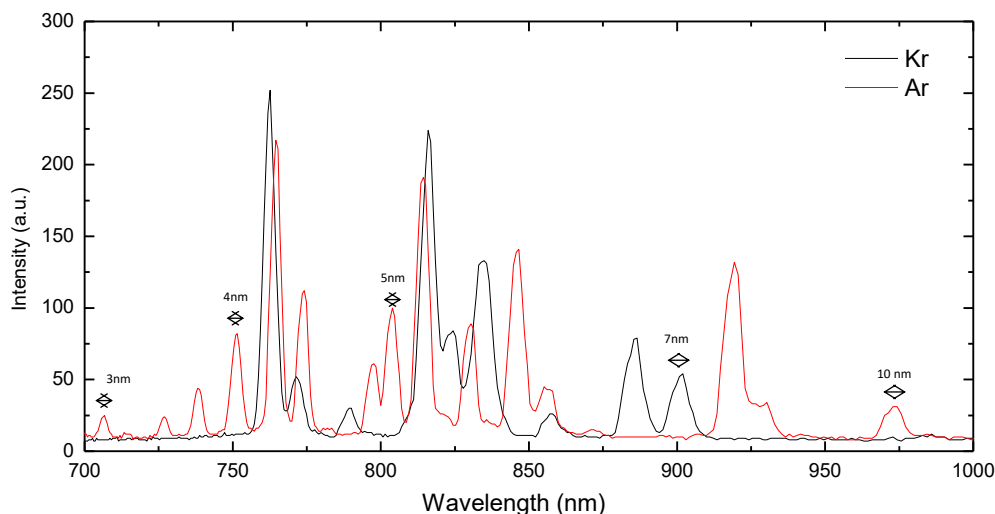
* Some high-speed 802.11n settings may not be supported.

Software

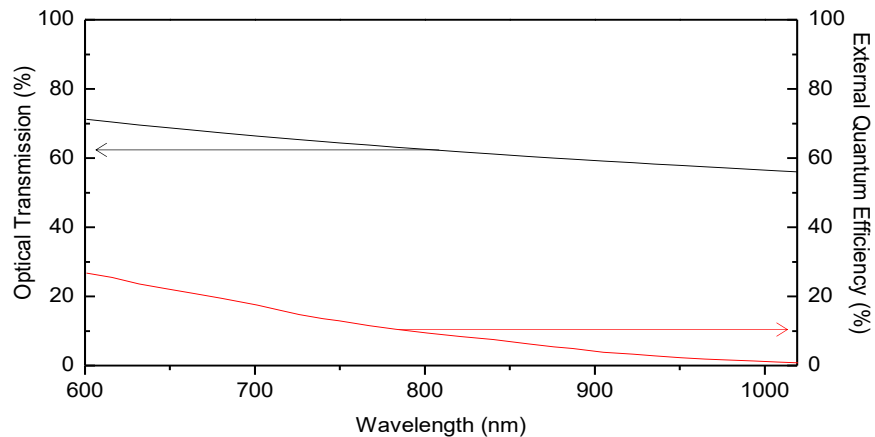
Supported Platform	Windows 7 or above Mac OS El Capitan (version 10.11) or above
Data Collection	iOS 10.0 or above Android 5.0 or above
App	600 points per scan
Data Points	

Optical system

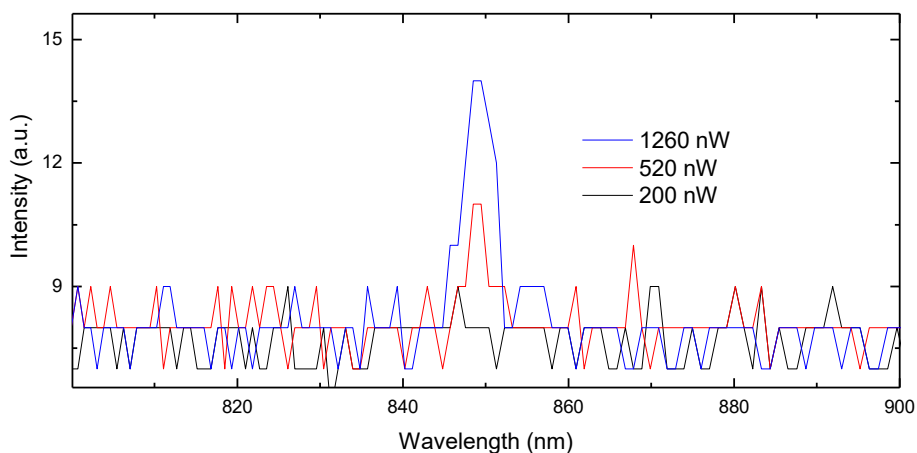
Wavelength	700nm - 1000nm ~3nm @ 700nm ~4nm @ 750nm ~5nm @ 800nm ~7nm @ 900nm ~10nm @ 1000nm
Optical Resolution	~ 17% (@700nm) ~ 10% (@800nm) ~ 5% (@900nm) ~ 1% (@1000nm)
External Quantum Efficiency	~ 520 nW (@850nm)
Minimum Detectable Optical Power	



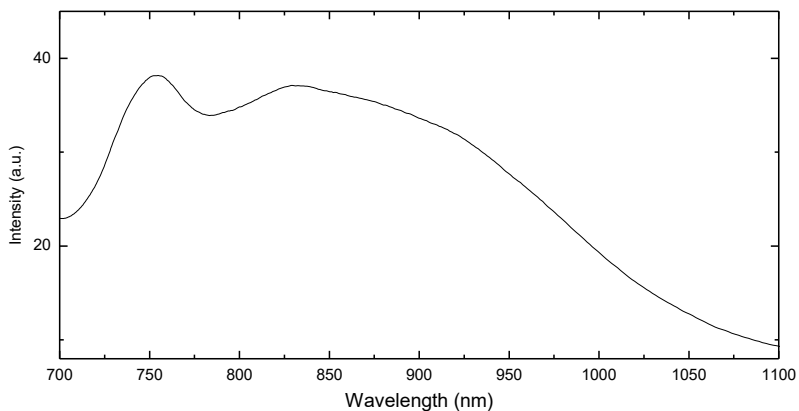
< Atomic lamp spectra measured by LinkSquare NIR >



< Optical Transmission & External Quantum Efficiency of LinkSquare NIR >



< Minimum detectable optical power of LinkSquare NIR (850 nm LD) >



< An example graph of the White sample in Palette Demo >