



Technical Details

# Industrial Cameras: Spectral Sensitivity



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# Spectral Sensitivity - Overview Camera/Sensor

## USB

### CMOS (Aptina)

### CCD (Sony)

DxK 22AUC03  
DxK 22BUC03  
DxK 22AUC03-F  
DxK 22BUC03-F  
DxK 23UV024  
DxK 42AUC03  
DxK 42BUC03  
DxK 42AUC03-F  
DxK 42BUC03-F  
DxK 23UM021  
DFK 61AUC02  
DFK 61BUC02  
DxK 72AUC02  
DxK 72BUC02  
DxK 72AUC02-F  
DxK 72BUC02-F  
DxK 23UP031  
DxK 21AU04  
DxK 21BU04  
DxK 21BU04.H  
DxK 21AU618  
DxK 21BU618  
DxK 21BU618.H  
DxK 23U618  
DxK 31AU03  
DxK 31BU03  
DxK 31BU03.H

MT9V024	MT9M021	MT9T031	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
x									
x									
x									
x									
x									
	x								
	x								
	x								
	x								
	x								
		x							
		x							
			x						
			x						
			x						
			x						
				x					
				x					
				x					
					x				
					x				
					x				
					x				
						x			
						x			
						x			
							x		
							x		
							x		



# Spectral Sensitivity - Overview Camera/Sensor

## USB

DxK 41AU02  
DxK 41BU02  
DxK 41BU02.H  
DxK 23U445  
DxK 51AU02  
DxK 51BU02  
DxK 51BU02.H  
DxK 23U274

CMOS (Aptina)				CCD (Sony)					
MT9V024	MT9M021	MT9T031	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
							x		
							x		
							x		
								x	
									x
									x
									x
									x

## USB

DxK 24UJ003  
DxM 24UJ003-ML  
DxK AFUJ003-M12  
DxK 23UP1300  
DxK 23UX236  
DxK 23UX174

CMOS									
Aptina	OnSemi	Sony							
MT9J003	Python 1300	IMX236	IMX174						
x									
x									
x									
	x								
		x							
			x						



# Spectral Sensitivity - Overview Camera/Sensor

## Firewire

DxK 23FV024  
DxK 23FM021  
DxK 23FP031  
DxK 21AF04  
DxK 21BF04  
DxK 21BF04.H  
DxK 21AF04-Z2  
DxK 21BF04-Z2  
DxK 21BF04-Z2.H  
DxK 23F618  
DxK 31AF03  
DxK 31BF03  
DxK 31BF03.H  
DxK 31AF03-Z2  
DxK 31BF03-Z2  
DxK 31BF03-Z2.H  
DxK 41AF02  
DxK 41BF02  
DxK 41BF02.H  
DxK 23F445  
DxK 23F274

CMOS (Aptina)			CCD (Sony)					
MT9V024	MT9M021	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
x								
	x							
		x						
			x					
			x					
			x					
			x					
			x					
				x				
					x			
					x			
					x			
					x			
					x			
						x		
						x		
						x		
							x	
								x



# Spectral Sensitivity - Overview Camera/Sensor

## GigE

DxK 23GV024  
DxK 33GV024  
DxK 23GM021  
DxK 33GM021  
DxK 23GP031  
DxK 33GP031  
DxK Z12GP031  
DxK Z30GP031  
DxK 21AG04  
DxK 21AG04.I  
DxK 21BG04.H  
DxK 21AG618  
DxK 21AG618.I  
DxK 21BG618.H  
DxK 23G618  
DxK 33G618  
DxK 31AG03  
DxK 31AG03.I  
DxK 31BG03.H  
DxK 41AG02  
DxK 41AG02.I  
DxK 41BG02.H  
DxK 23G445  
DxK 33G445  
DxK 51AG02  
DxK 51AG02.I  
DxK 51BG02.H  
DxK 23G274  
DxK 33G274

CMOS (Aptina)			CCD (Sony)					
MT9V024	MT9M021	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
x								
x								
	x							
	x							
		x						
		x						
		x						
		x						
			x					
			x					
			x					
				x				
				x				
				x				
				x				
				x				
					x			
					x			
					x			
						x		
						x		
						x		
							x	
							x	
								x
								x
								x
								x
								x



# Spectral Sensitivity - Overview Camera/Sensor

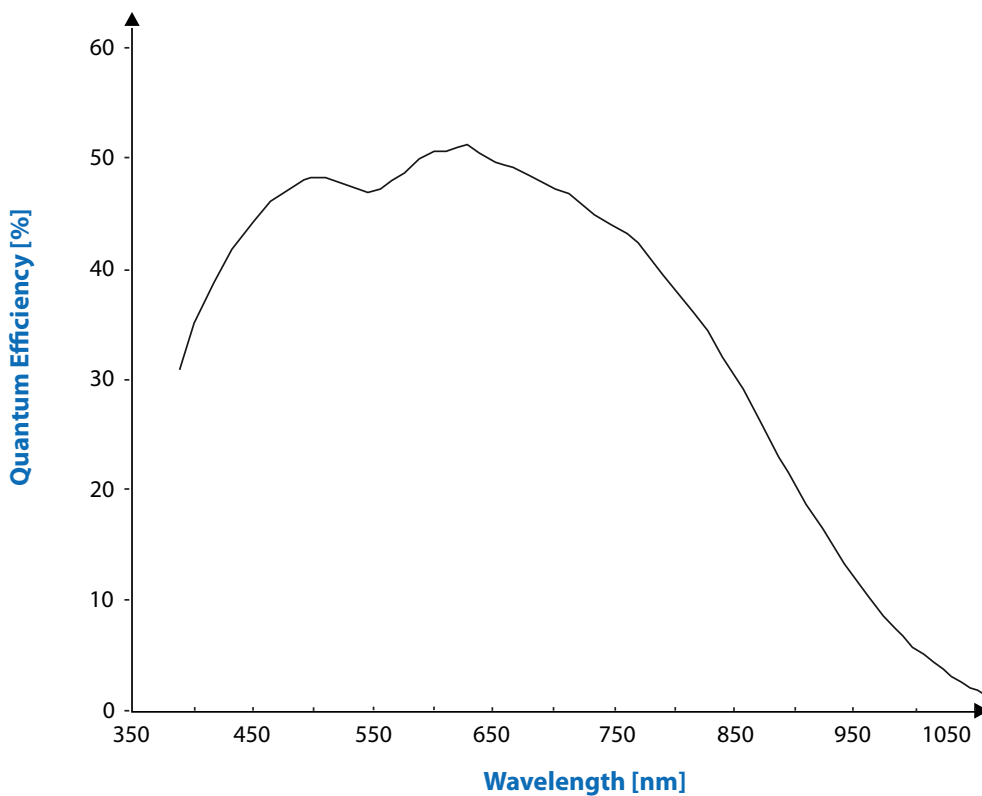
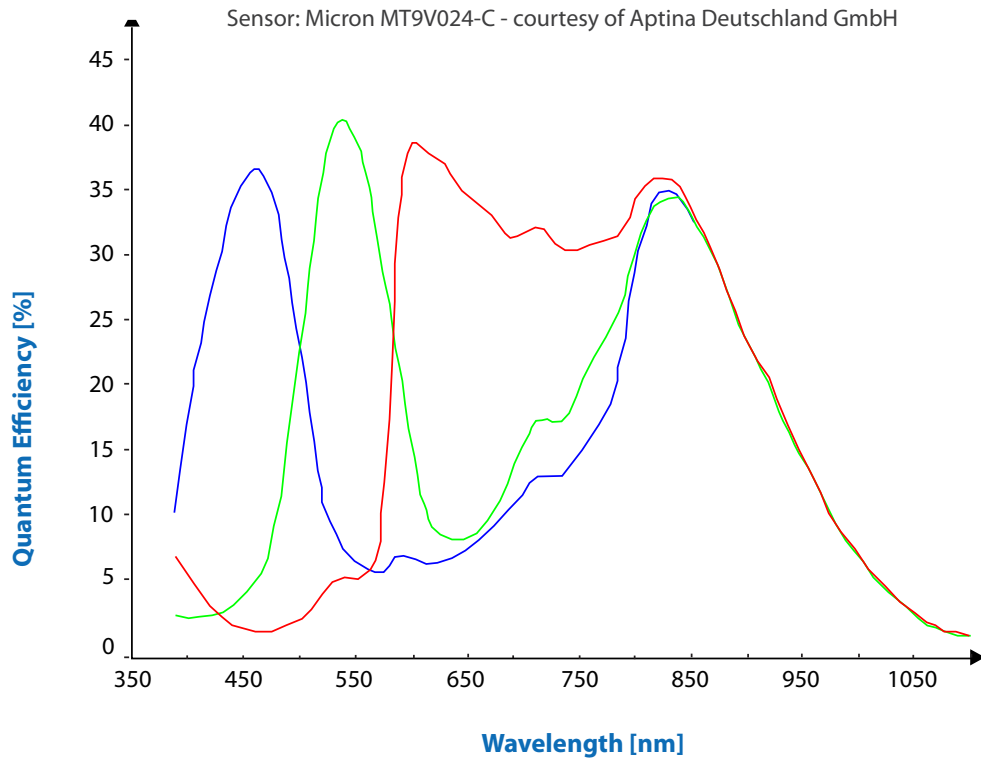
**GigE**

DxK 33GP1300  
DxK 33GX236  
DxM 25GX236-ML  
DxK 33GX174

CMOS									
		OnSemi				Sony			
	Python 1300	IMX236	IMX174						
DxK 33GP1300	x								
DxK 33GX236		x							
DxM 25GX236-ML		x							
DxK 33GX174			x						



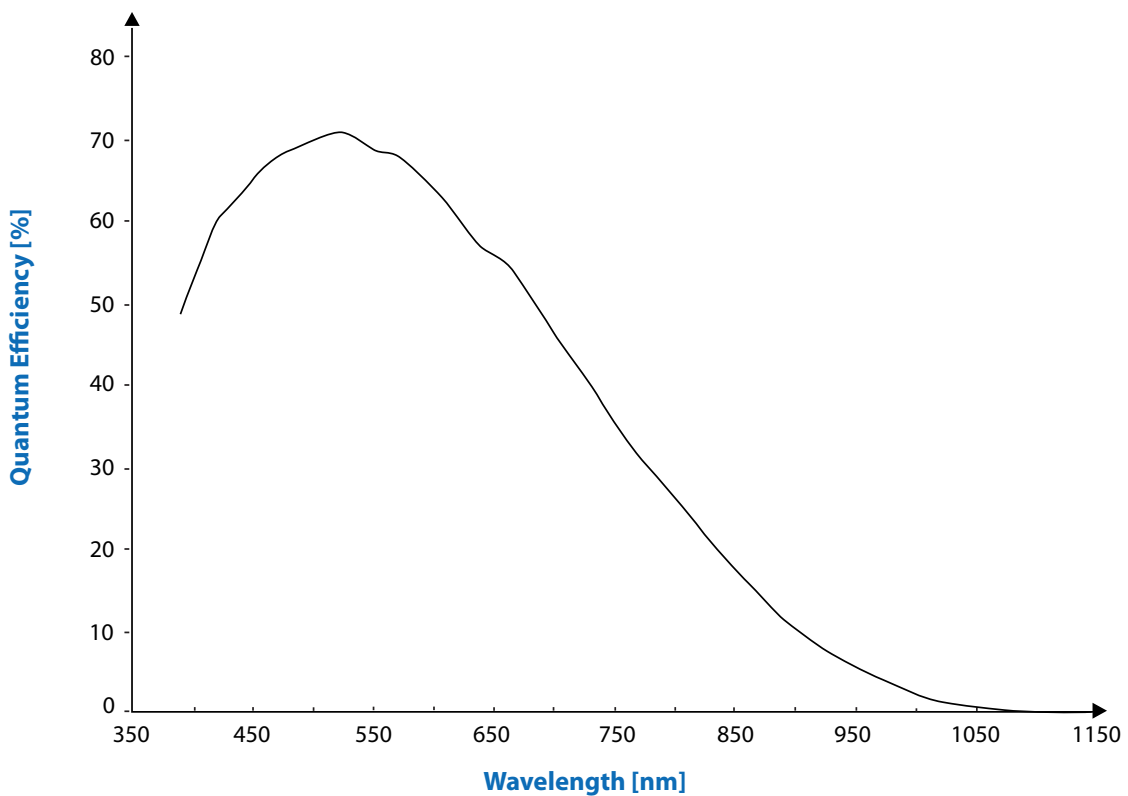
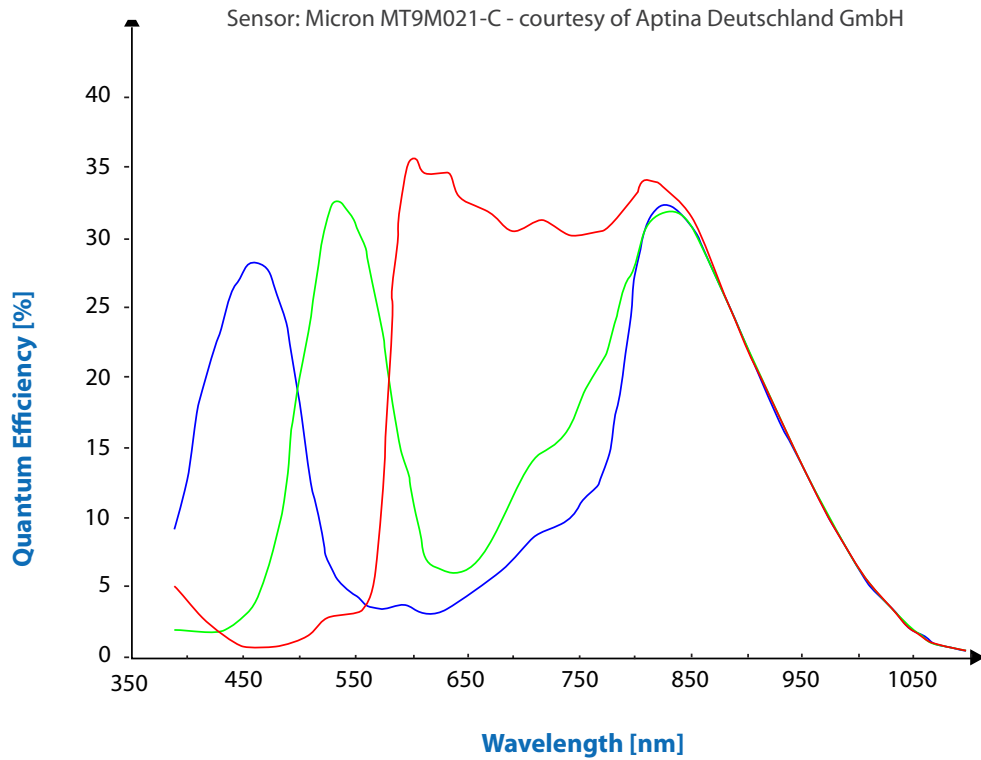
# Spectral Sensitivity - MT9V024







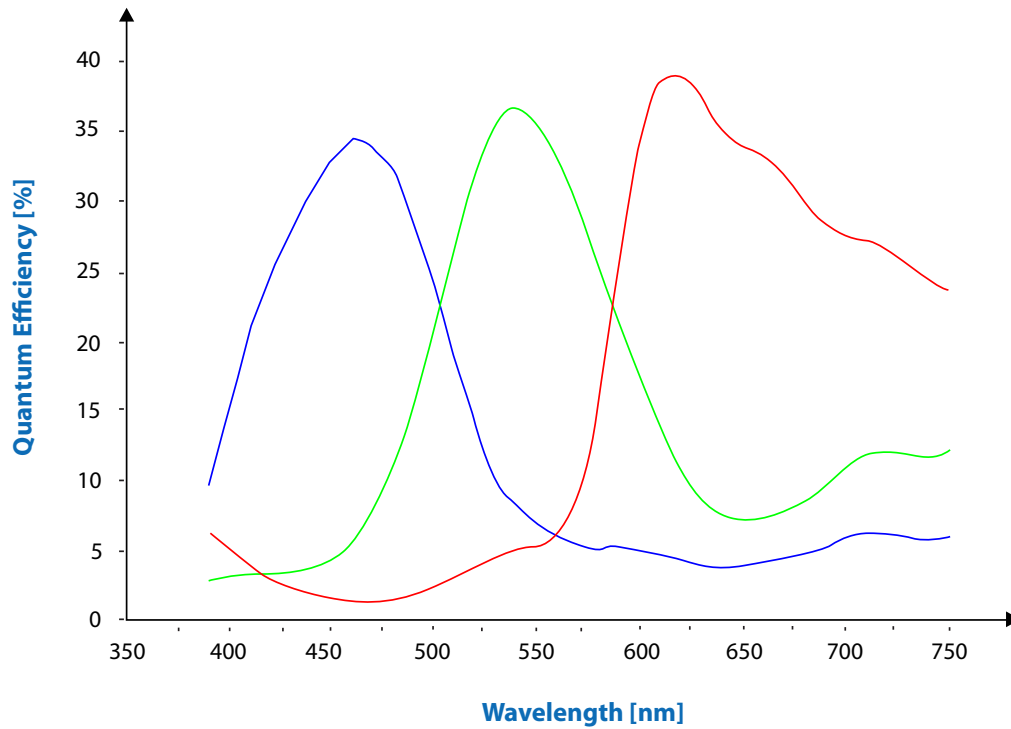
# Spectral Sensitivity - MT9M021





# Spectral Sensitivity - MT9T031

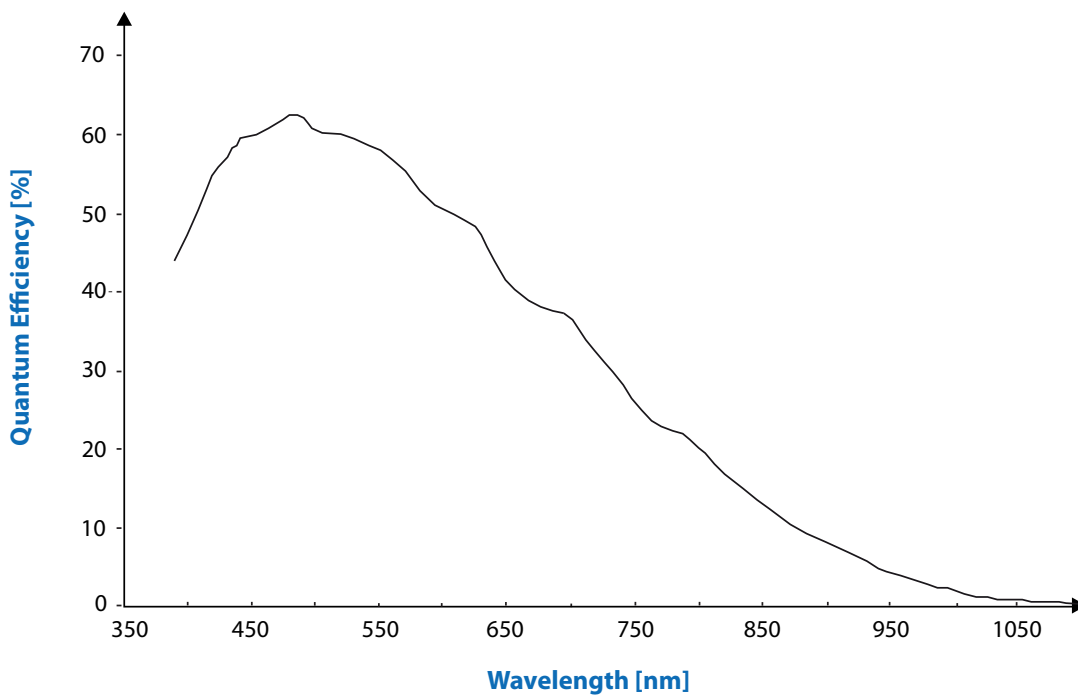
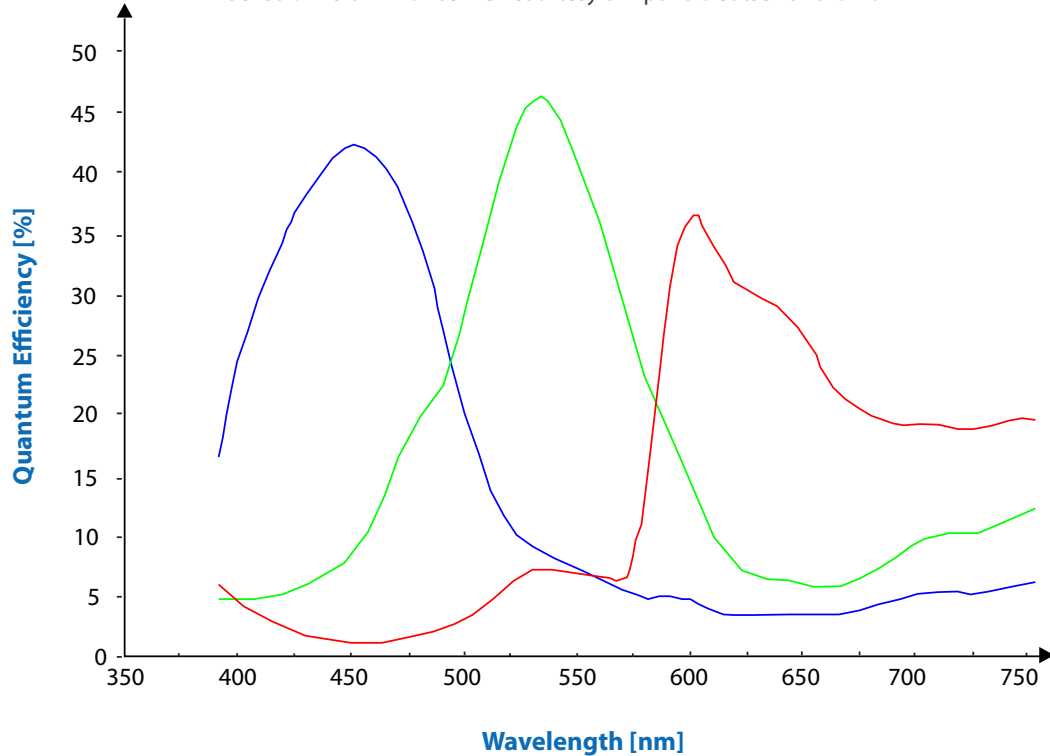
Sensor: Micron MT9T031-C - courtesy of Aptina Deutschland GmbH





# Spectral Sensitivity - MT9P031

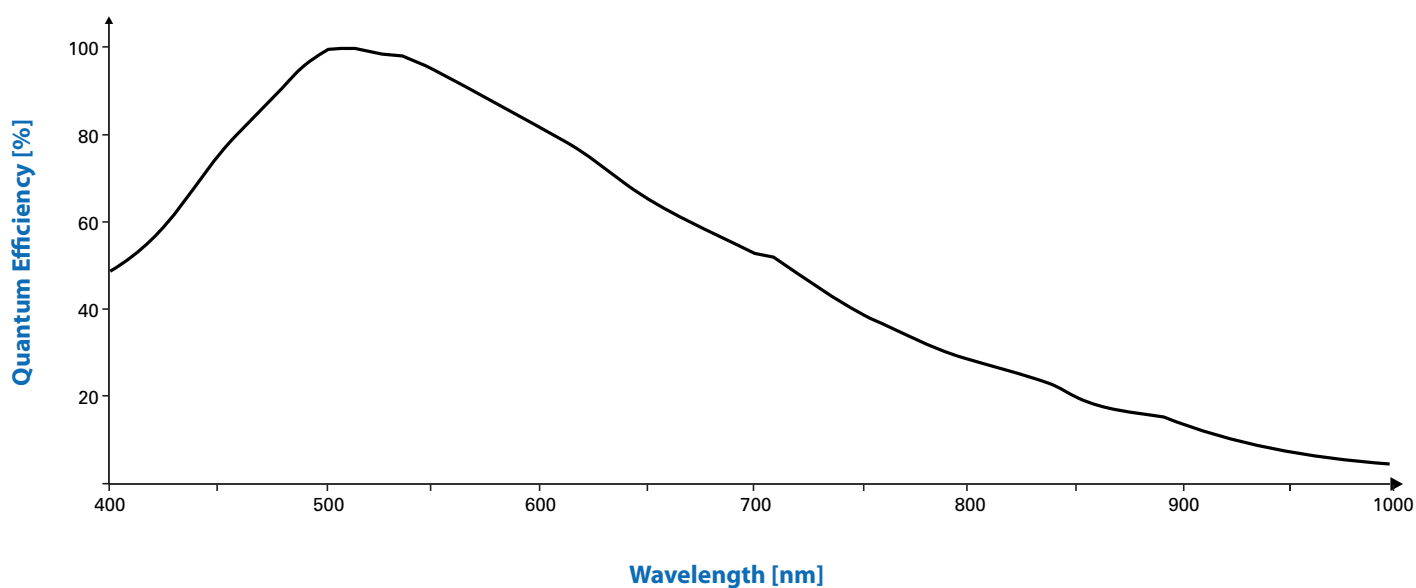
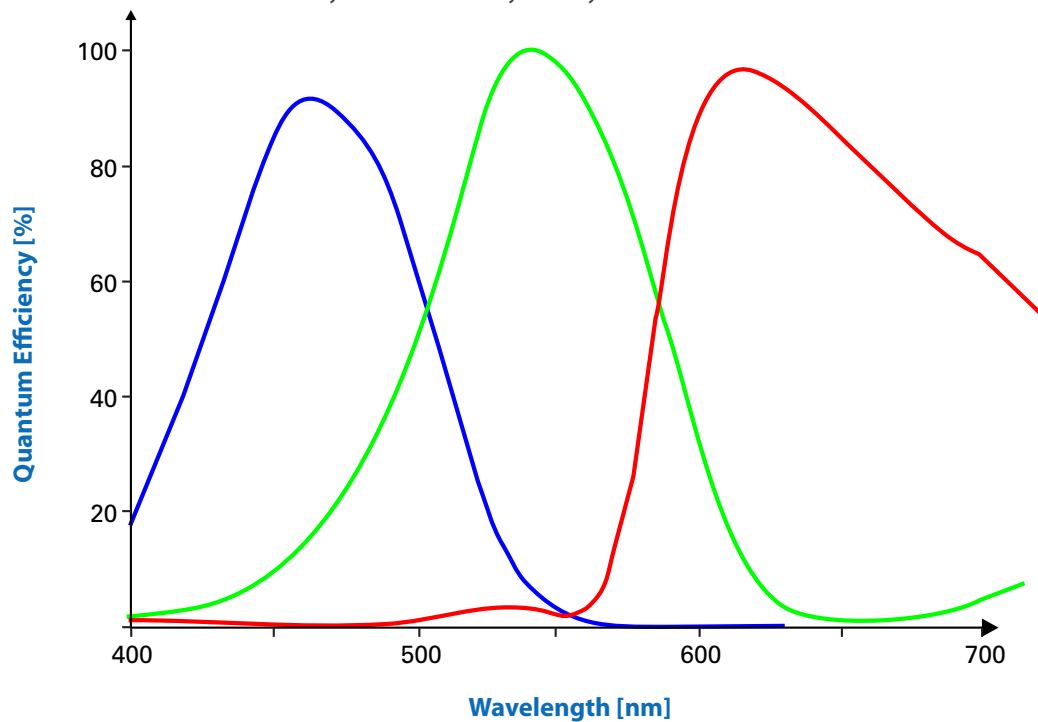
Sensor: Micron MT9P031-C - courtesy of Aptina Deutschland GmbH





# Spectral Sensitivity - ICX098

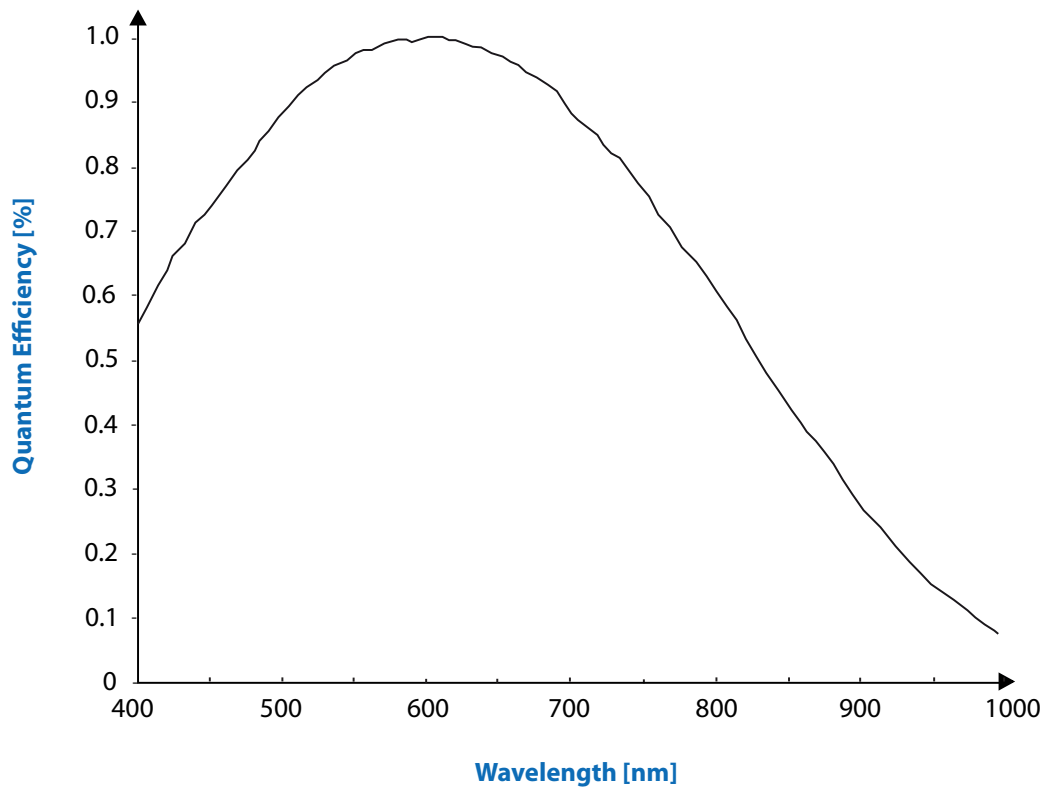
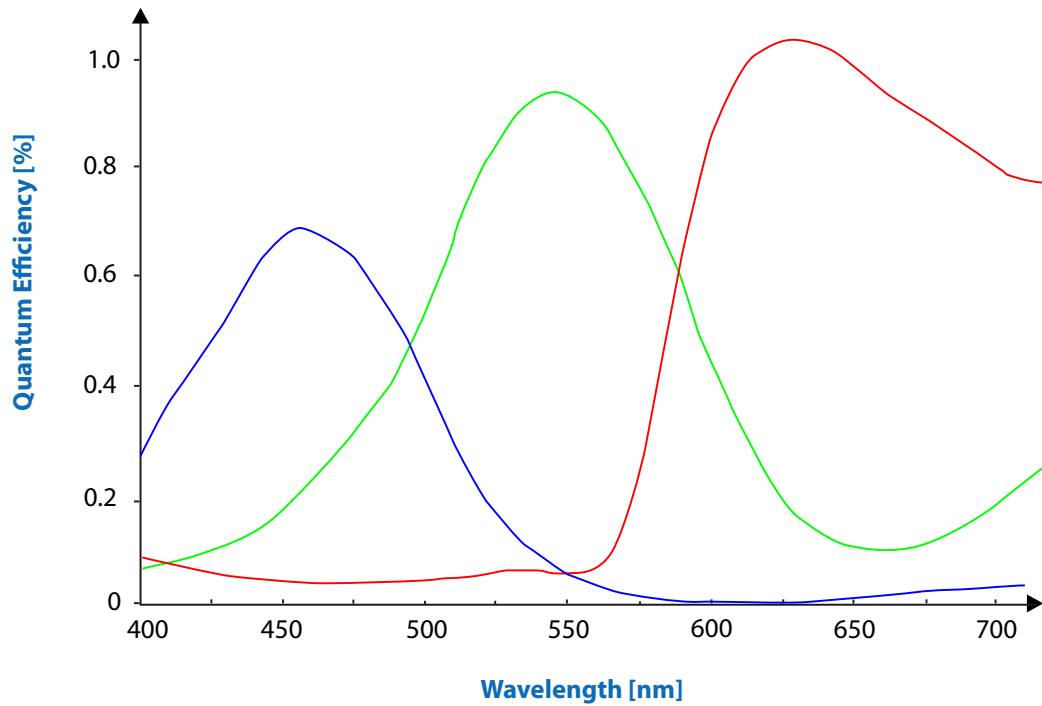
Sensor: Sony ICX098 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX618

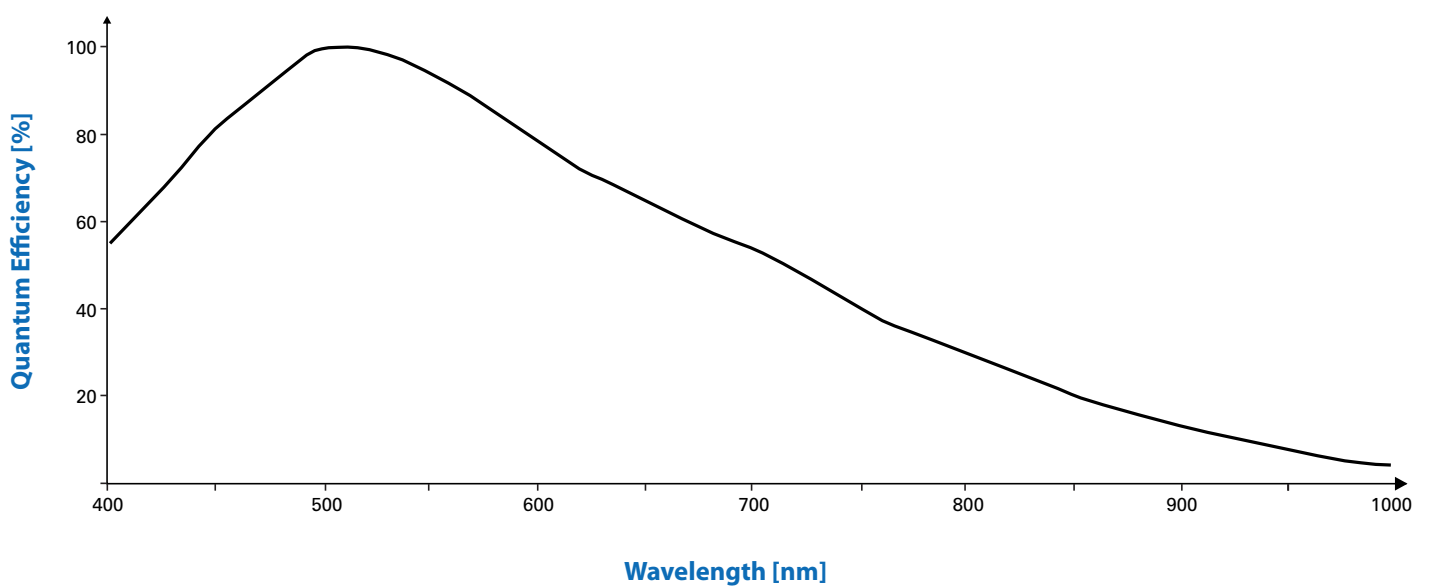
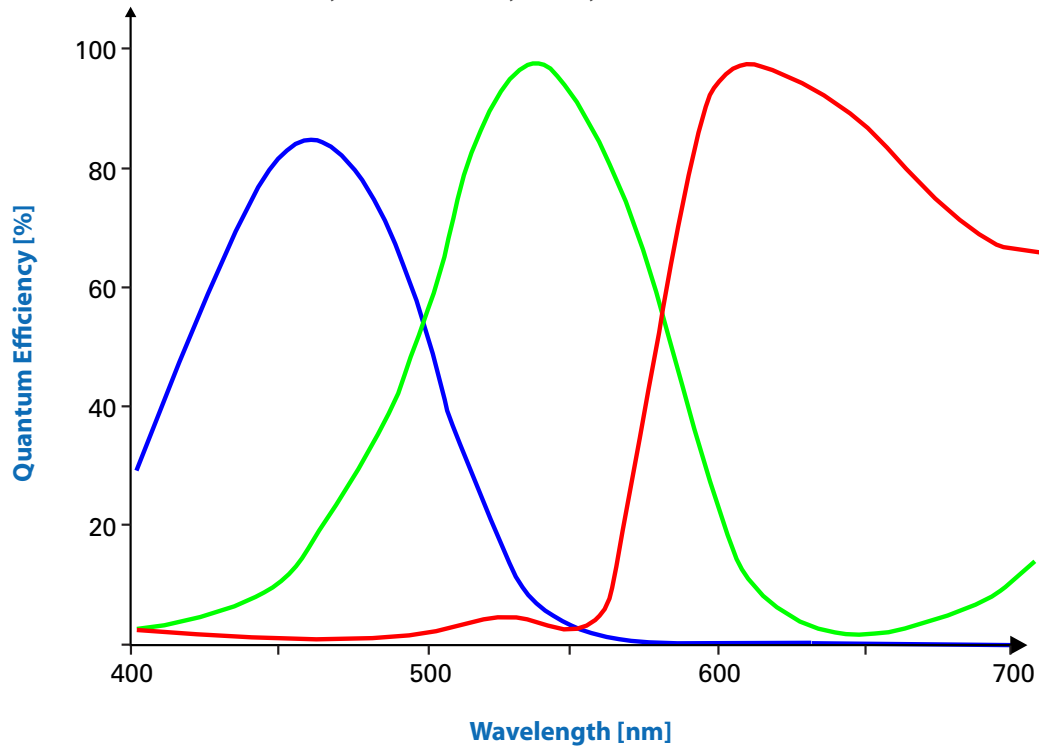
Sensor: Sony ICX618 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX204

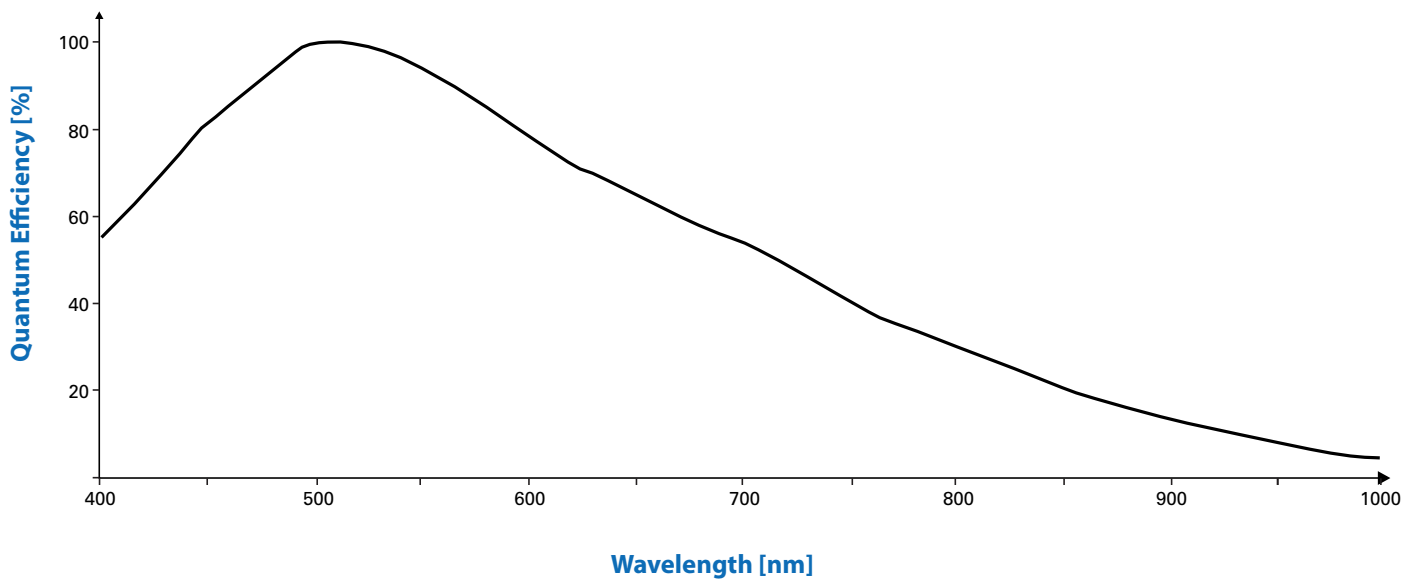
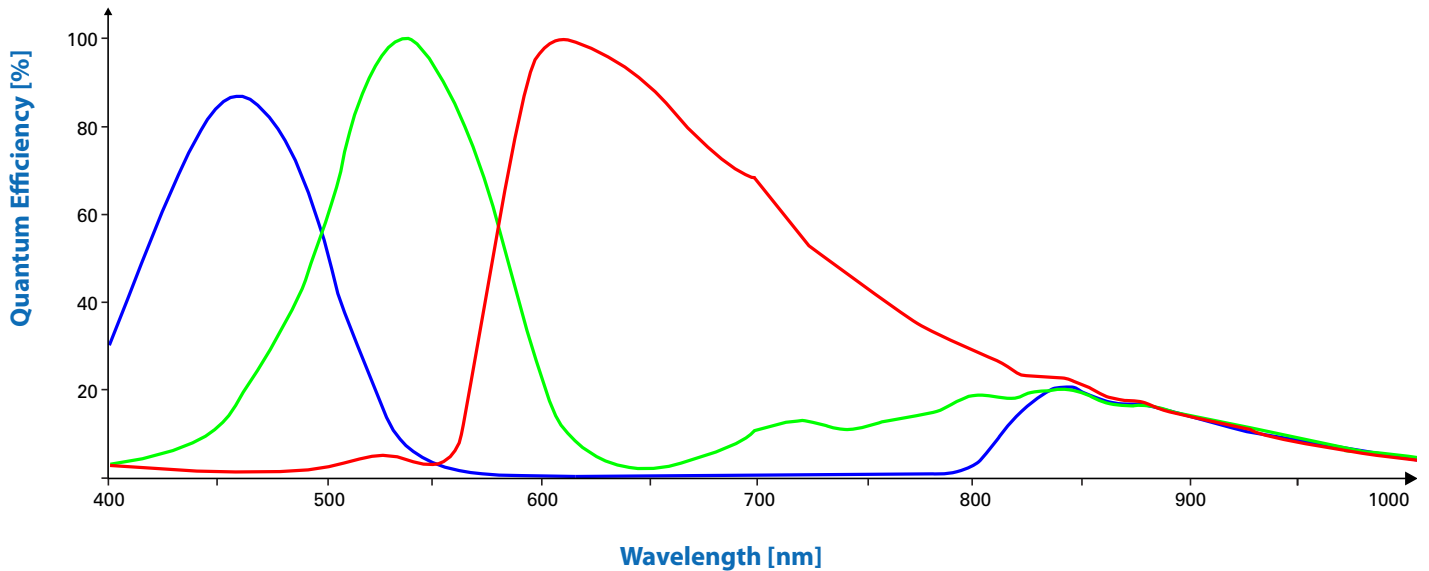
Sensor: Sony ICX204 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX205

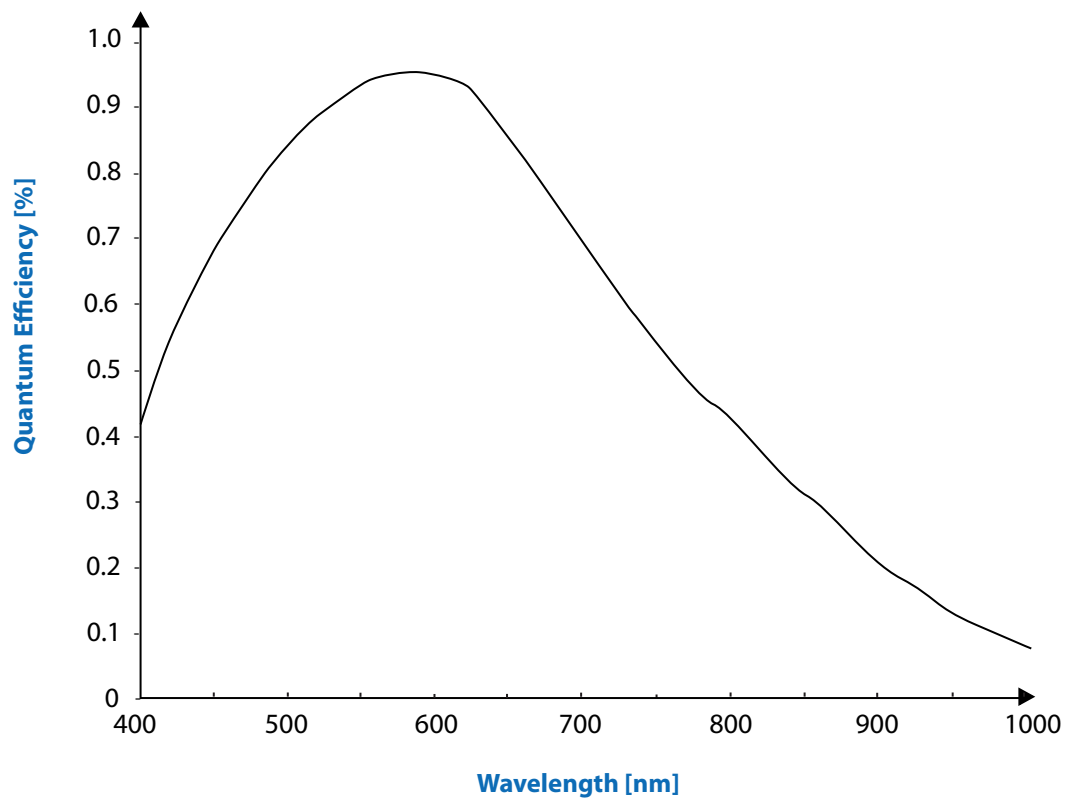
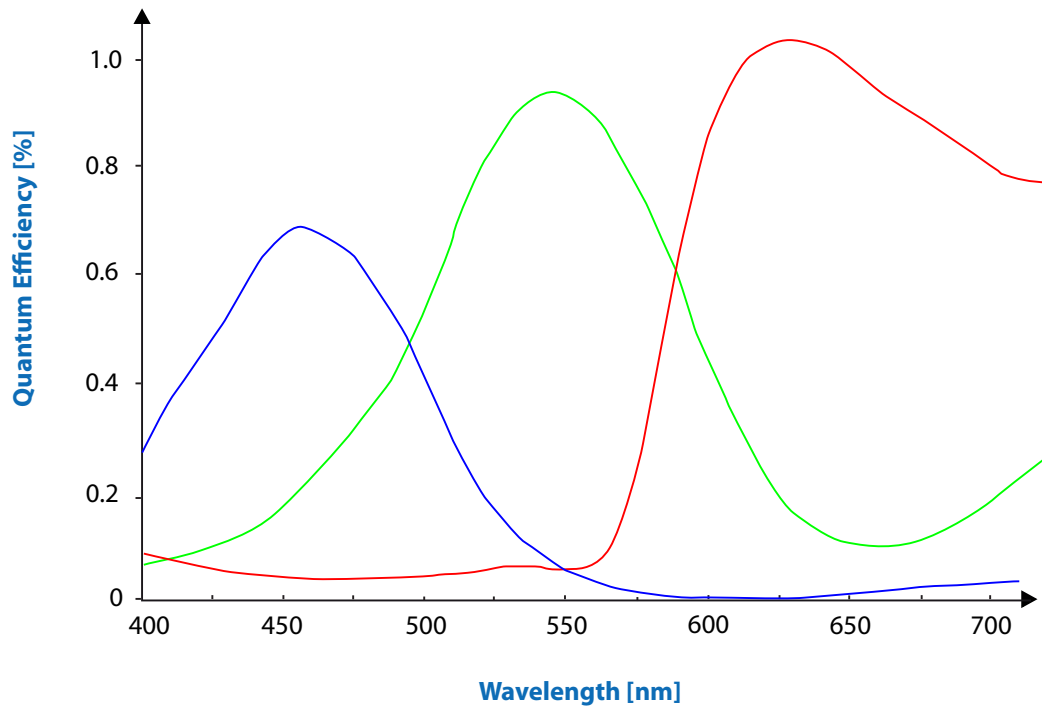
Sensor: Sony ICX205 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX445

Sensor: Sony ICX445 - courtesy of Sony Deutschland GmbH

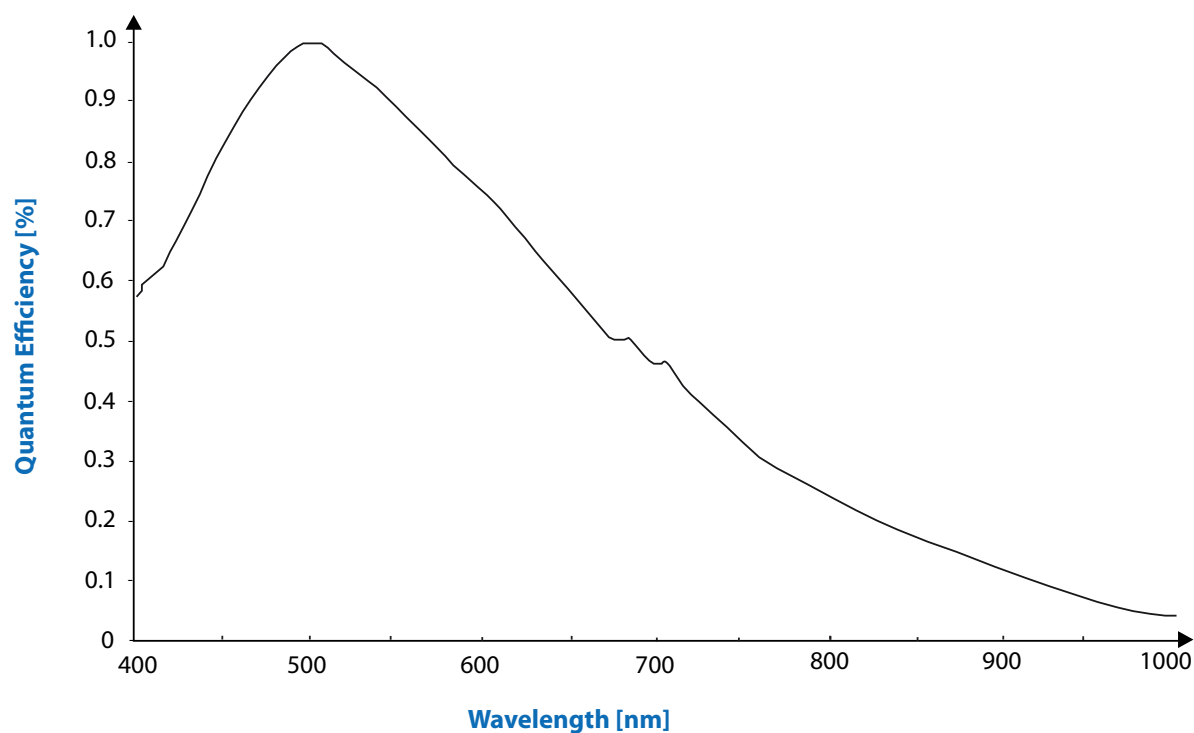
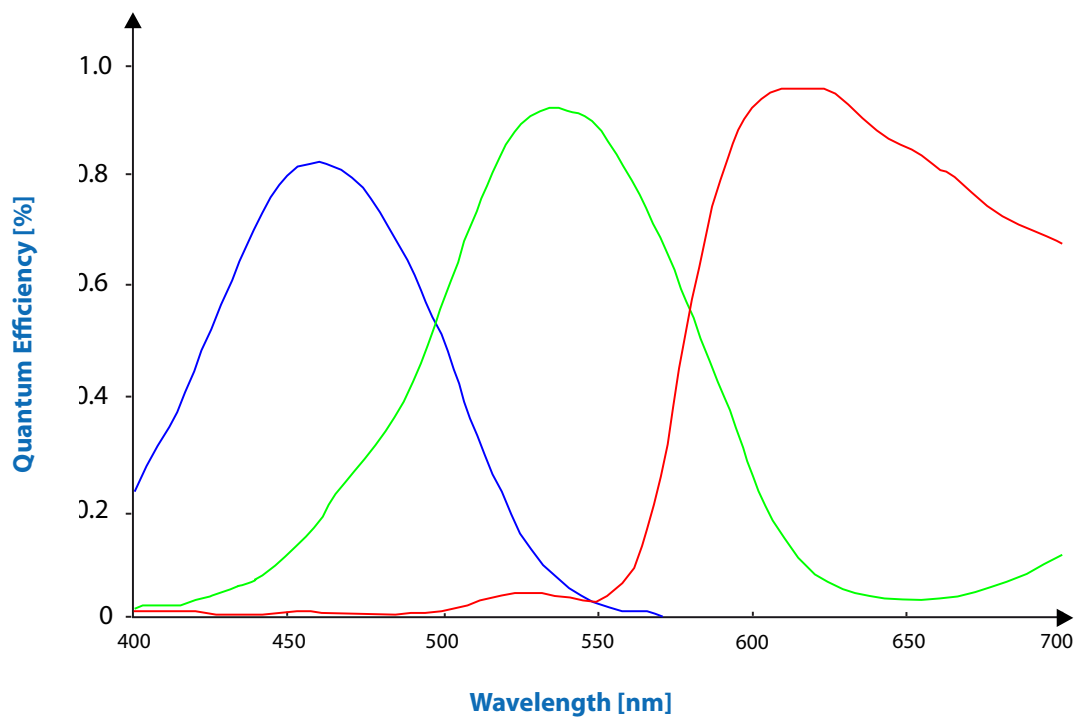






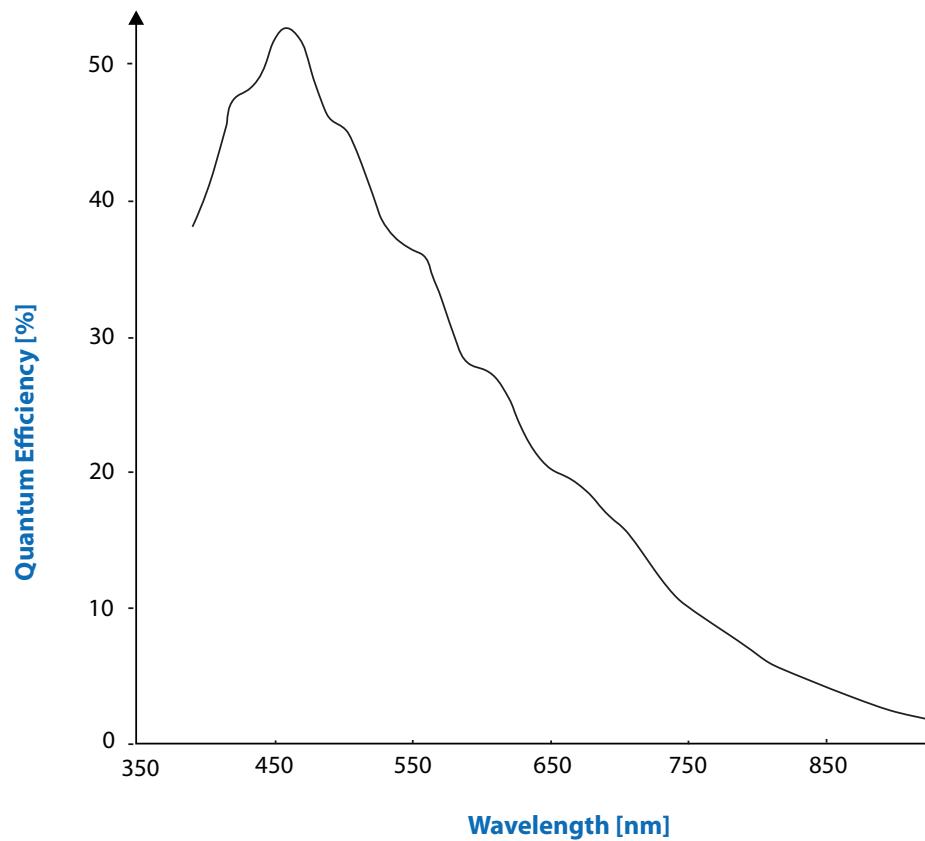
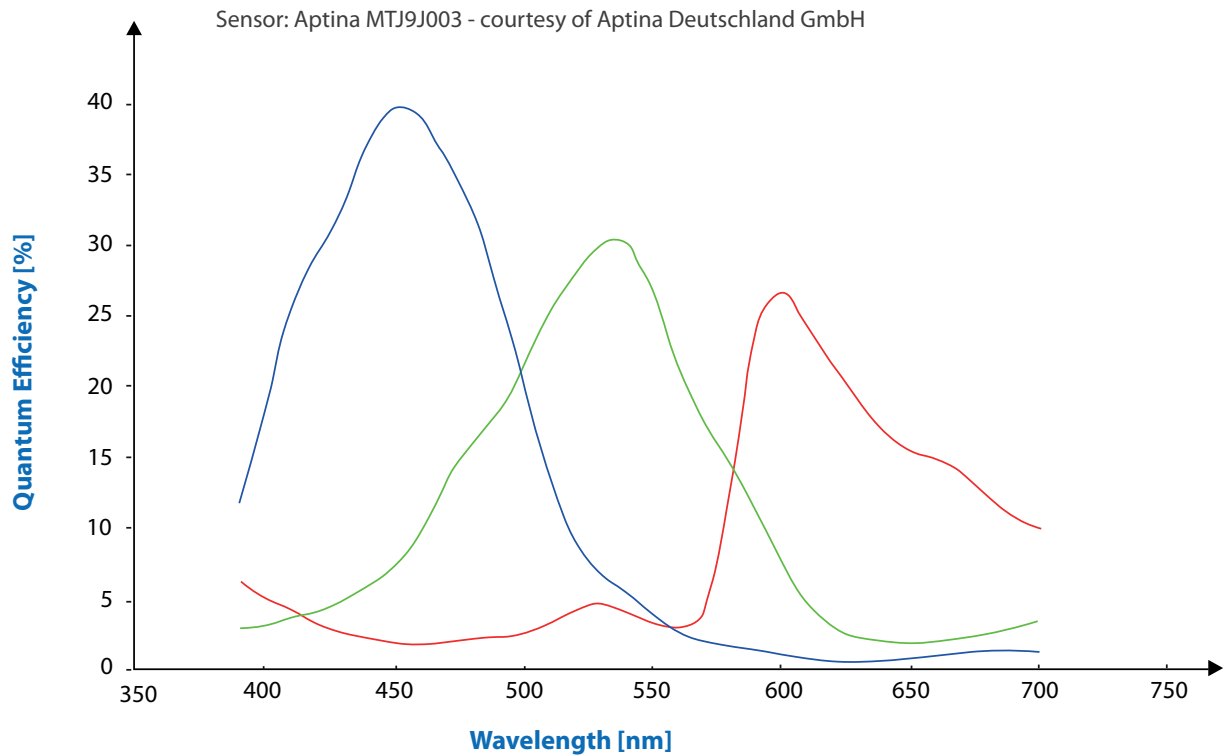
# Spectral Sensitivity - ICX274

Sensor: Sony ICX274 - courtesy of Sony Deutschland GmbH



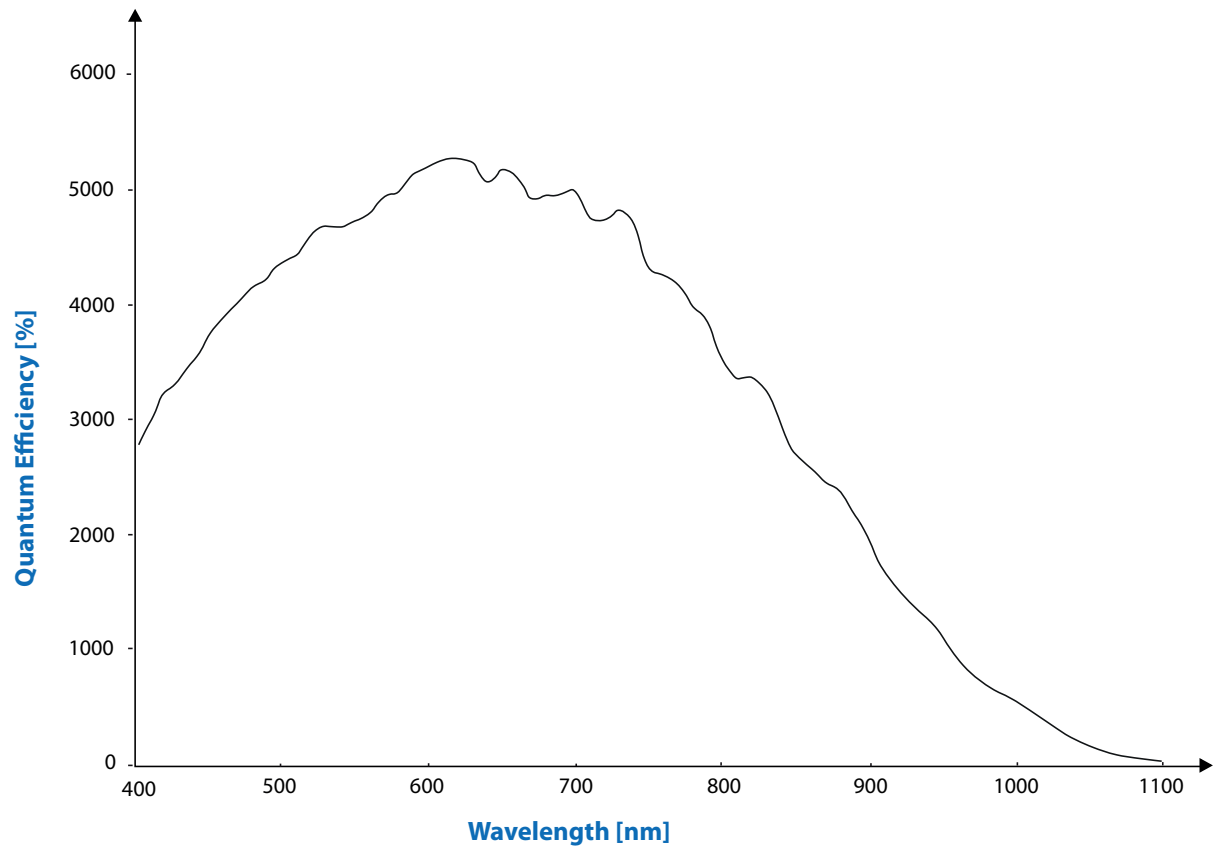
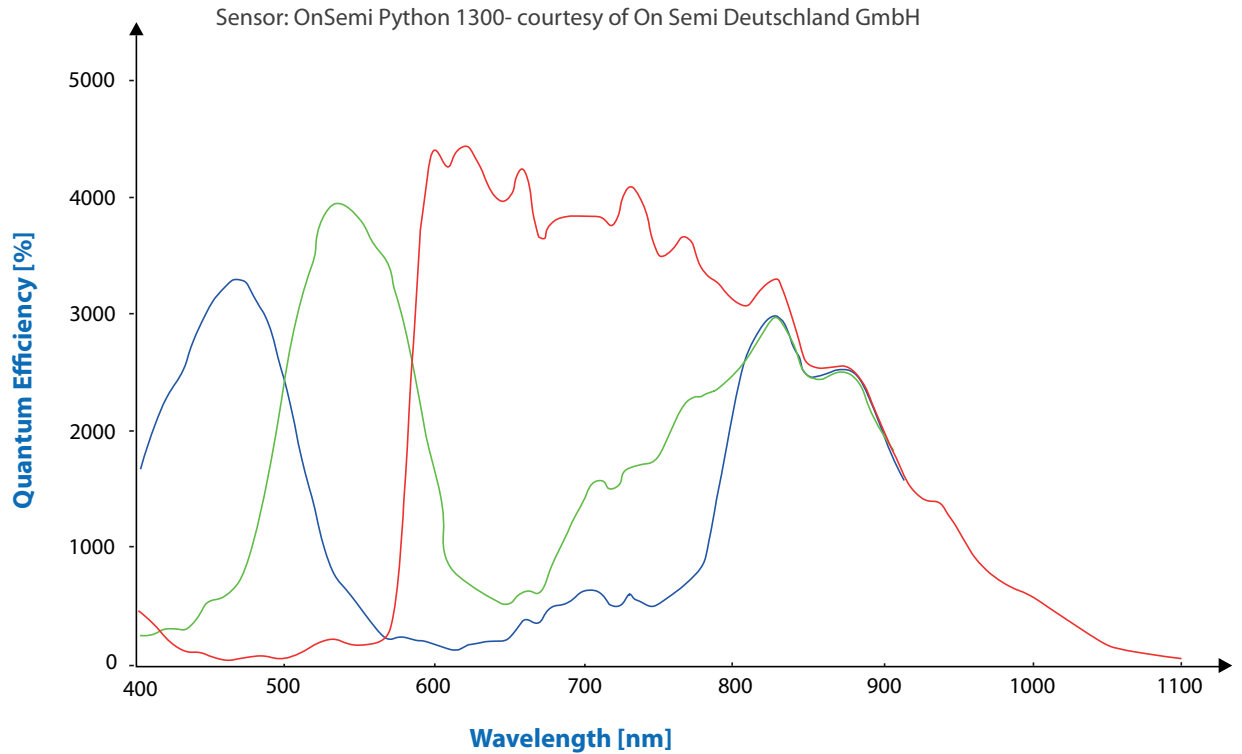


# Spectral Sensitivity - MT9J003





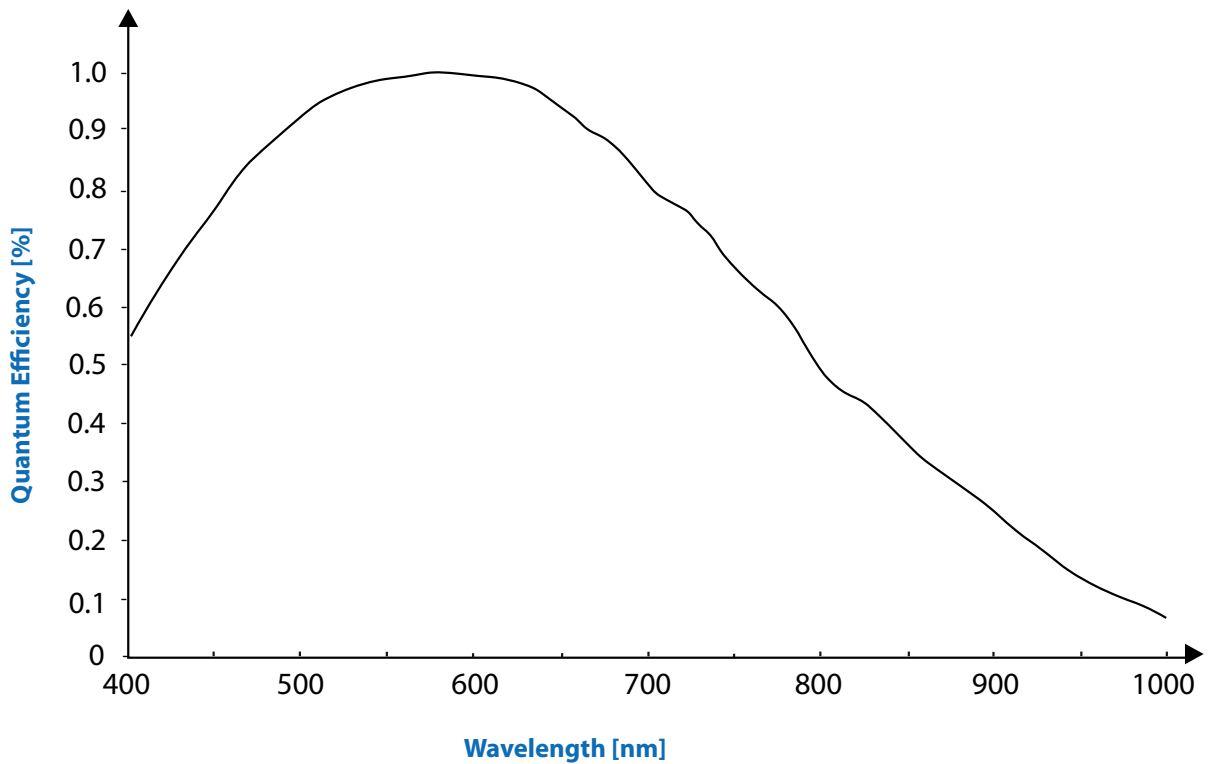
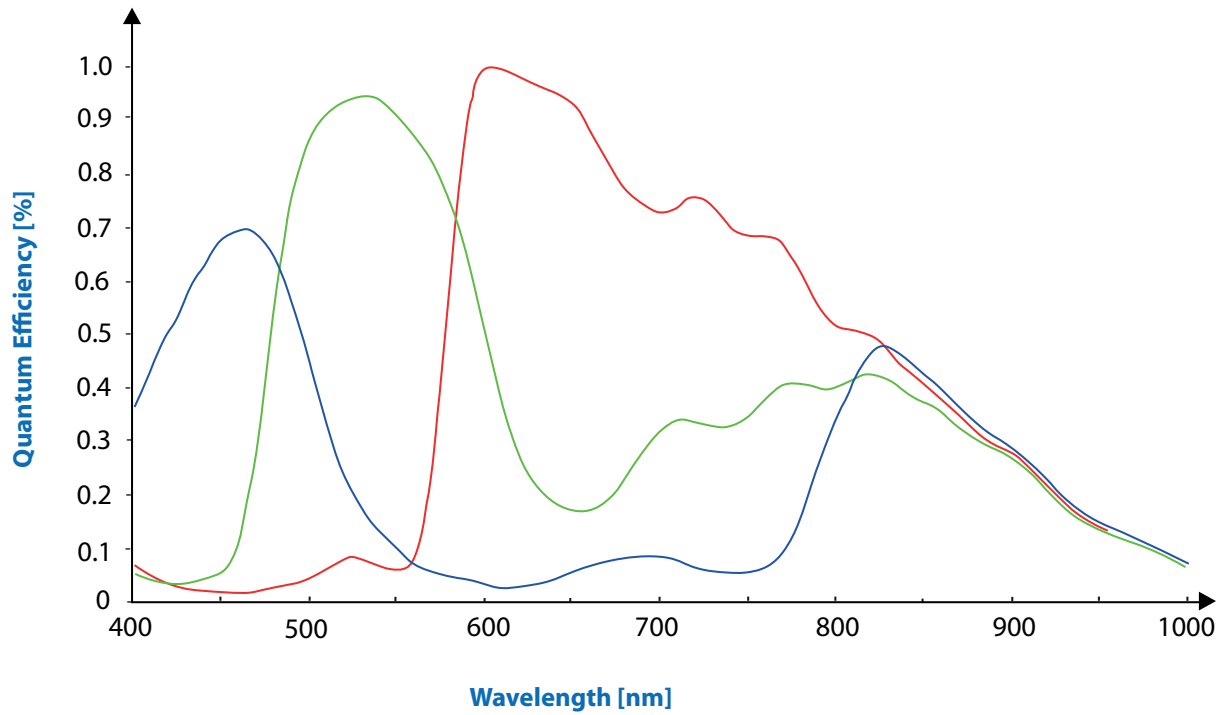
# Spectral Sensitivity - Python 1300





# Spectral Sensitivity - IMX236

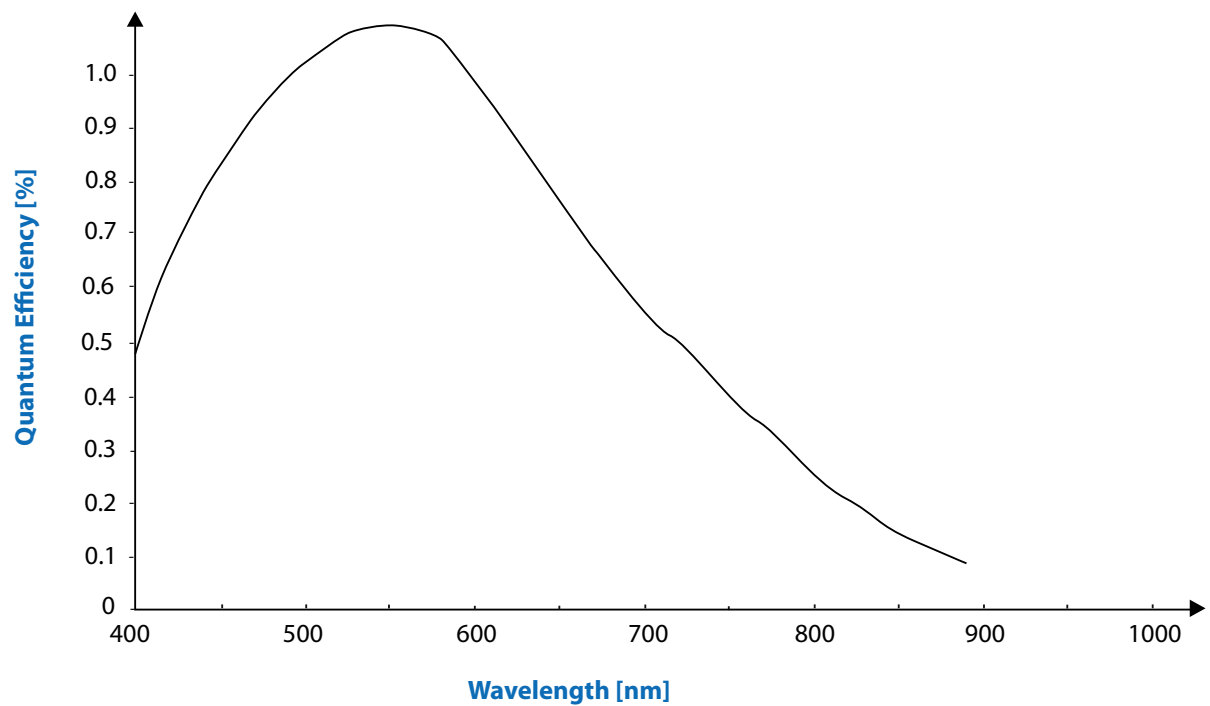
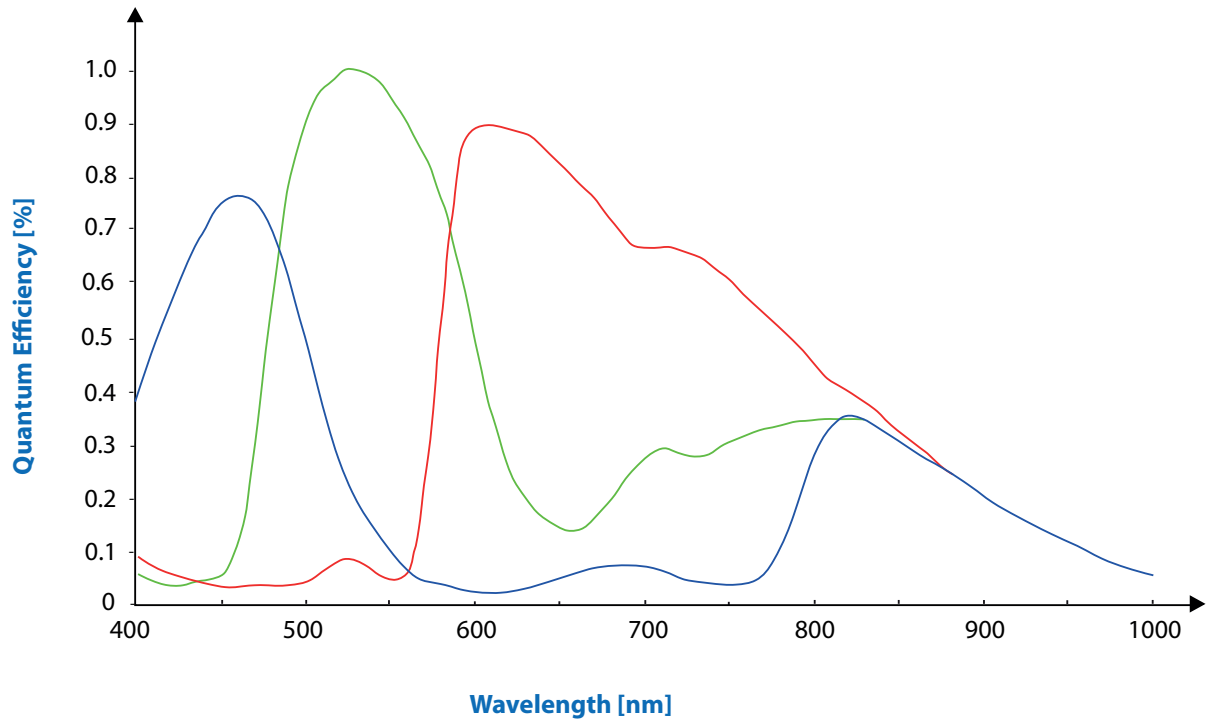
Sensor: Sony IMX236 - courtesy of Sony Deutschland GmbH





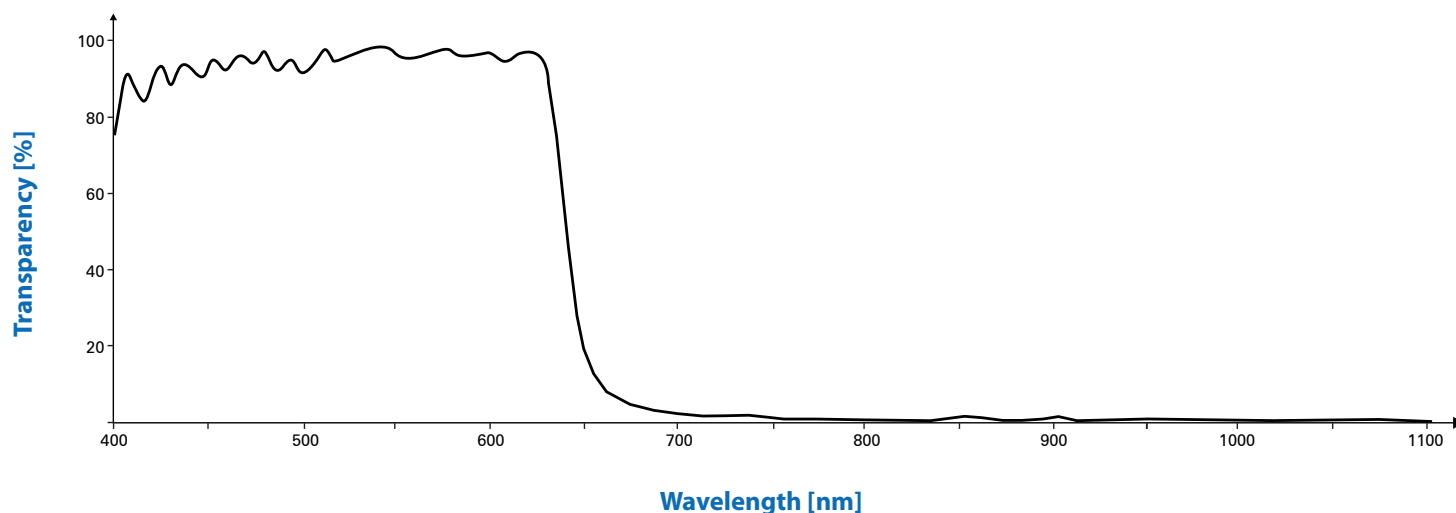
# Spectral Sensitivity - IMX174

Sensor: Sony IMX174 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity IR Cut Filter



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