



Technical Details

# Industrial Cameras: Spectral Sensitivity



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# Spectral Sensitivity - Overview Camera/Sensor

## USB

### CMOS (Aptina)

### CCD (Sony)

	MT9V024	MT9M021	MT9T031	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
DxK 22AUC03	x									
DxK 22BUC03	x									
DxK 22AUC03-F	x									
DxK 22BUC03-F	x									
DxK 23UV024	x									
DxK 42AUC03		x								
DxK 42BUC03		x								
DxK 42AUC03-F		x								
DxK 42BUC03-F		x								
DxK 23UM021		x								
DFK 61AUC02			x							
DFK 61BUC02			x							
DxK 72AUC02				x						
DxK 72BUC02				x						
DxK 72AUC02-F				x						
DxK 72BUC02-F				x						
DxK 23UP031				x						
DxK 21AU04					x					
DxK 21BU04					x					
DxK 21BU04.H					x					
DxK 21AU618						x				
DxK 21BU618						x				
DxK 21BU618.H						x				
DxK 23U618						x				
DxK 31AU03							x			
DxK 31BU03							x			
DxK 31BU03.H							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
DxK 41AU02								x		
DxK 41BU02								x		
DxK 41BU02.H								x		
DxK 23U445									x	
DxK 51AU02										x
DxK 51BU02										x
DxK 51BU02.H										x
DxK 23U274										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						
DxK 24UJ003	x									
DxM 24UJ003-ML	x									
DxK AFUJ003-M12	x									
DxK 23UP1300		x								
DxK 23UX236			x							
DxK 23UX174				x						



# Spectral Sensitivity - Overview Camera/Sensor

## Firewire

CMOS (Aptina)

CCD (Sony)

	MT9V024	MT9M021	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
DxK 23FV024	x								
DxK 23FM021		x							
DxK 23FP031			x						
DxK 21AF04				x					
DxK 21BF04				x					
DxK 21BF04.H				x					
DxK 21AF04-Z2				x					
DxK 21BF04-Z2				x					
DxK 21BF04-Z2.H				x					
DxK 23F618					x				
DxK 31AF03						x			
DxK 31BF03						x			
DxK 31BF03.H						x			
DxK 31AF03-Z2						x			
DxK 31BF03-Z2						x			
DxK 31BF03-Z2.H						x			
DxK 41AF02							x		
DxK 41BF02							x		
DxK 41BF02.H							x		
DxK 23F445								x	
DxK 23F274									x



# Spectral Sensitivity - Overview Camera/Sensor

## GigE

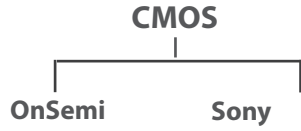
CMOS (Aptina)

CCD (Sony)

	MT9V024	MT9M021	MT9P031	ICX098	ICX618	ICX204	ICX205	ICX445	ICX274
DxK 23GV024	x								
DxK 33GV024	x								
DxK 23GM021		x							
DxK 33GM021		x							
DxK 23GP031			x						
DxK 33GP031			x						
DxK Z12GP031			x						
DxK Z30GP031			x						
DxK 21AG04				x					
DxK 21AG04.I				x					
DxK 21BG04.H				x					
DxK 21AG618					x				
DxK 21AG618.I					x				
DxK 21BG618.H					x				
DxK 23G618					x				
DxK 33G618					x				
DxK 31AG03						x			
DxK 31AG03.I						x			
DxK 31BG03.H						x			
DxK 41AG02							x		
DxK 41AG02.I							x		
DxK 41BG02.H							x		
DxK 23G445								x	
DxK 33G445								x	
DxK 51AG02									x
DxK 51AG02.I									x
DxK 51BG02.H									x
DxK 23G274									x
DxK 33G274									x



# Spectral Sensitivity - Overview Camera/Sensor



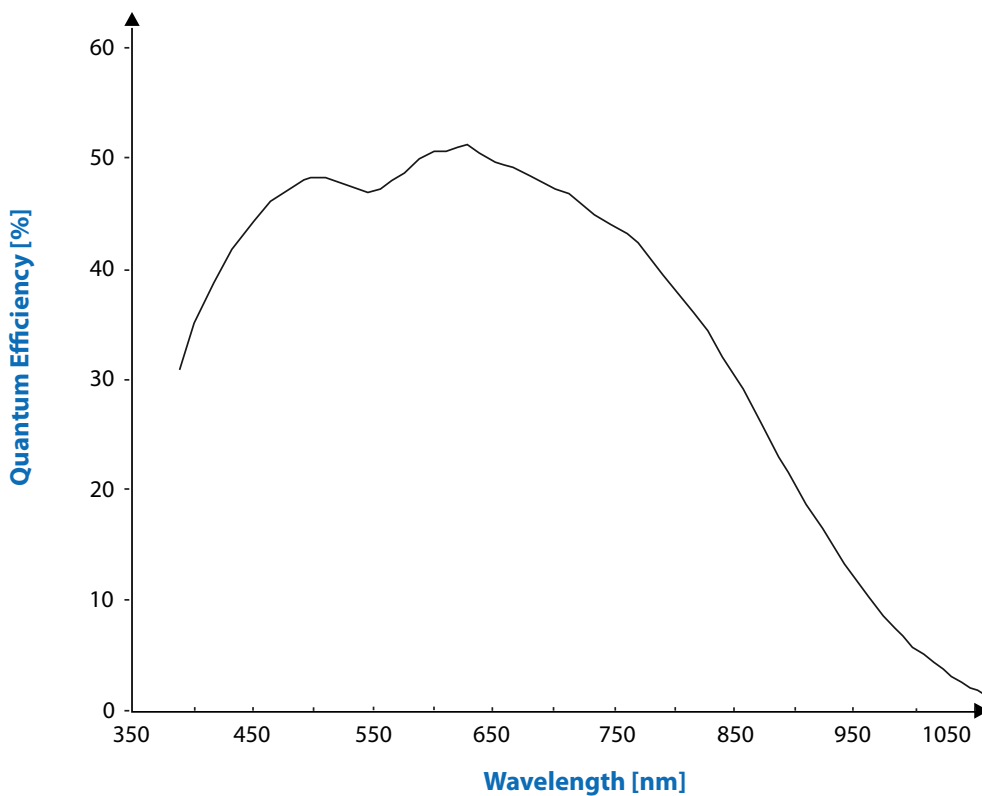
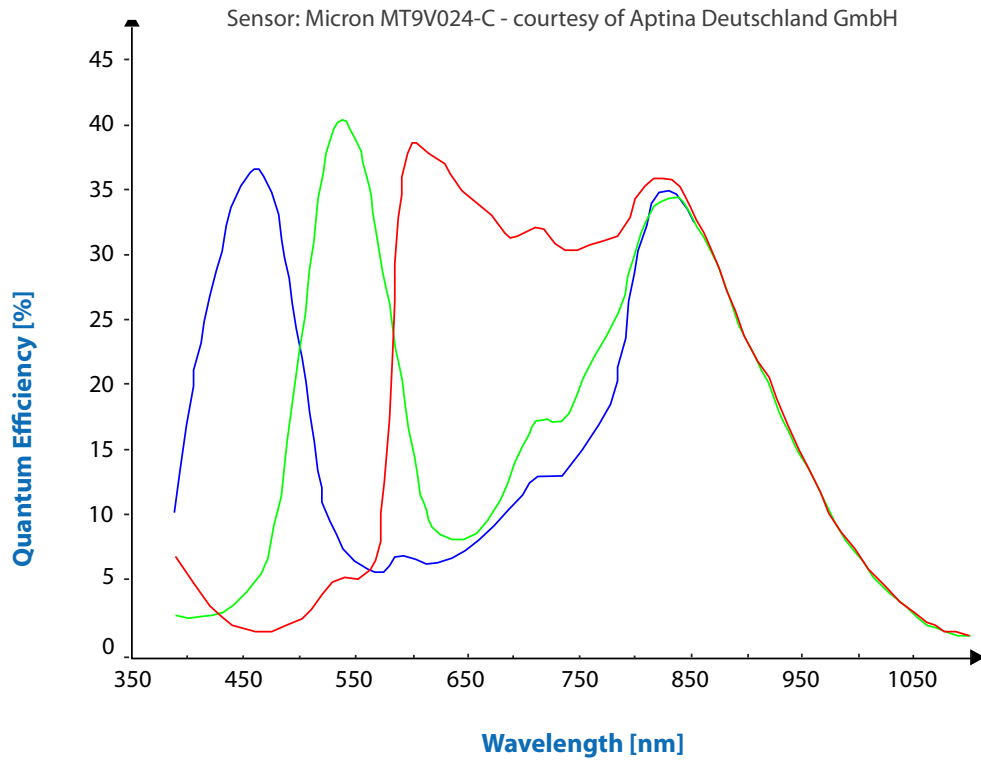
## GigE

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

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



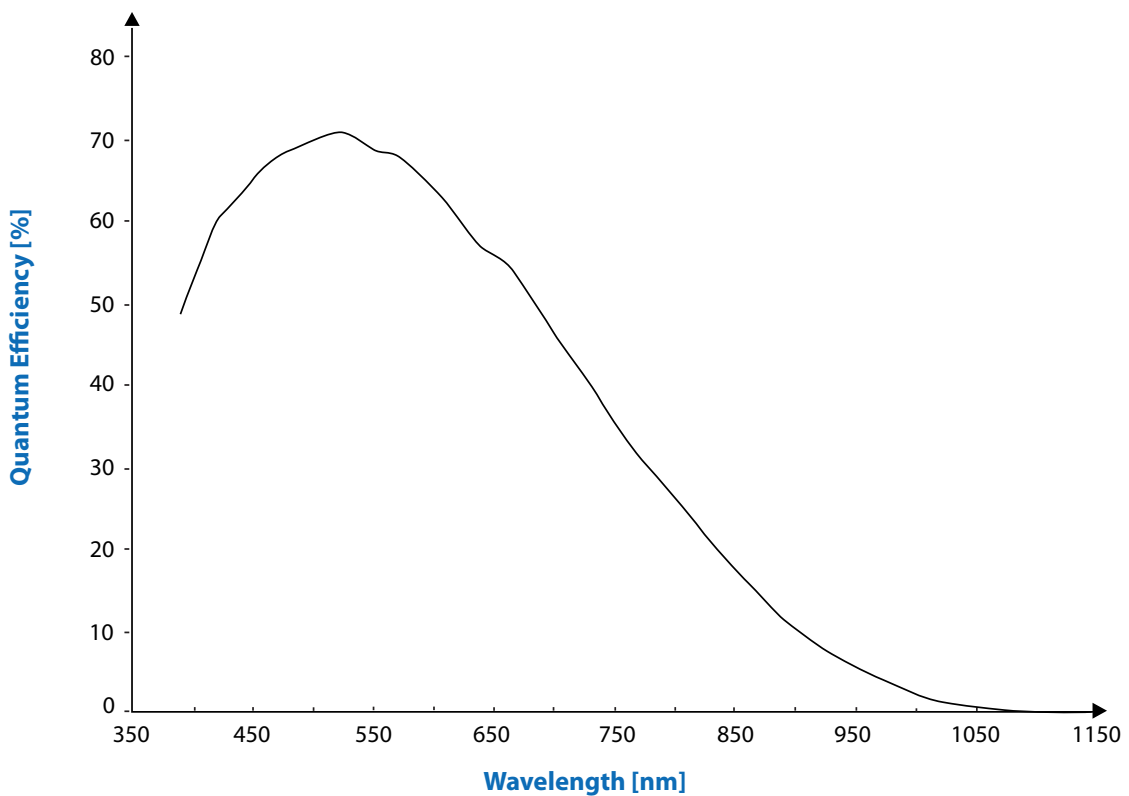
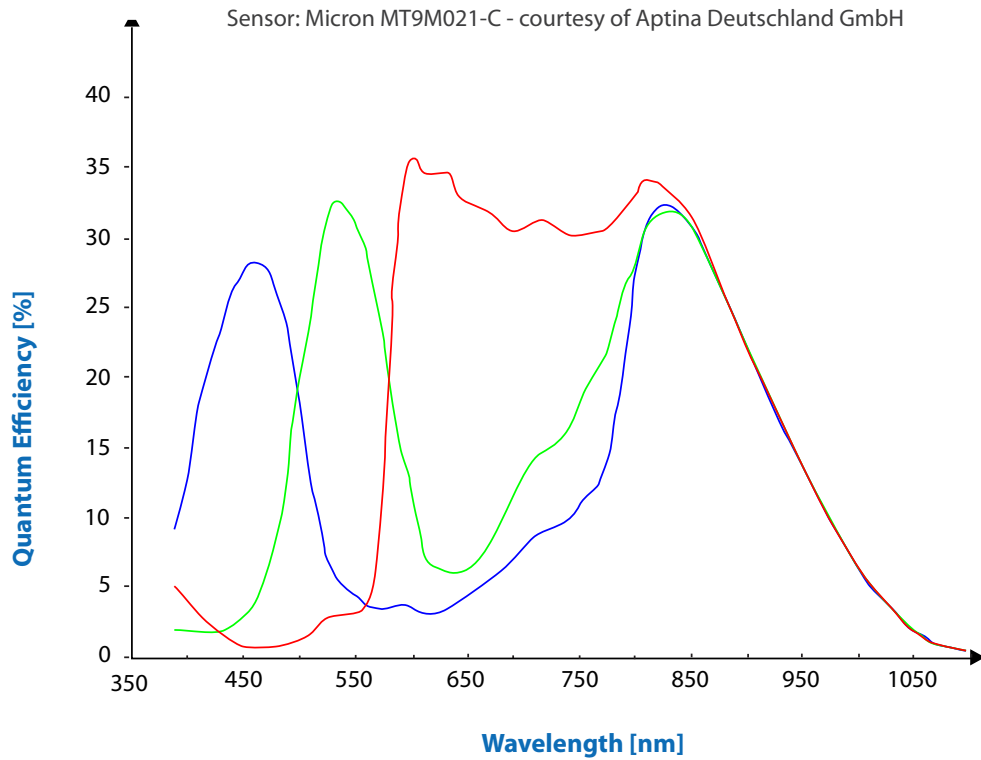
# Spectral Sensitivity - MT9V024







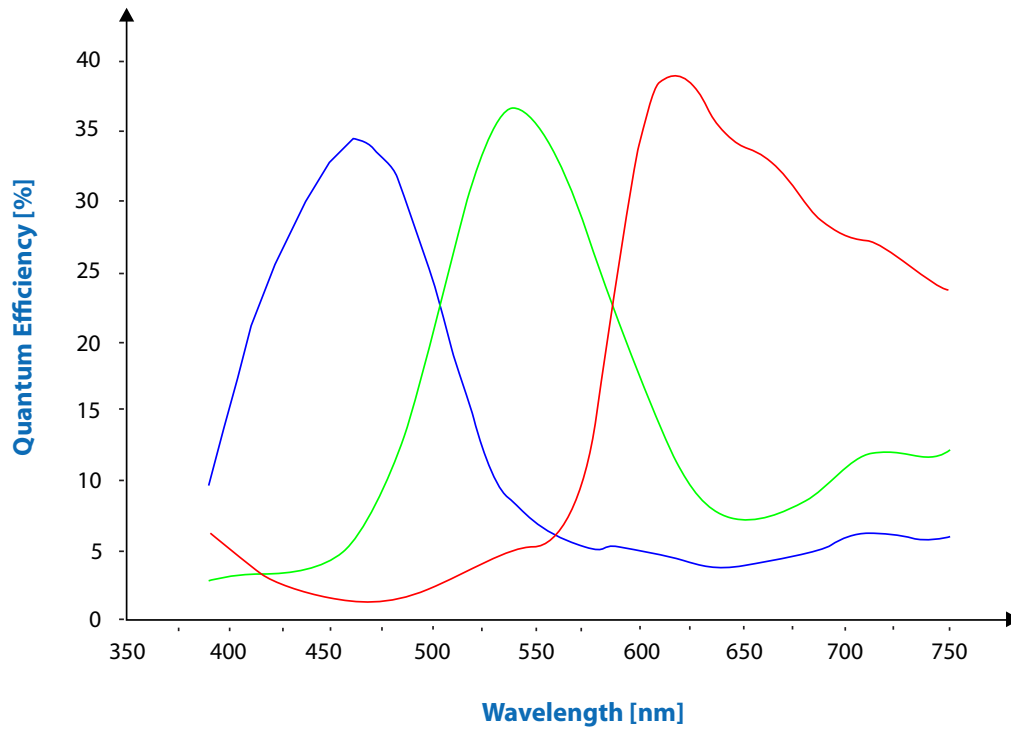
# Spectral Sensitivity - MT9M021





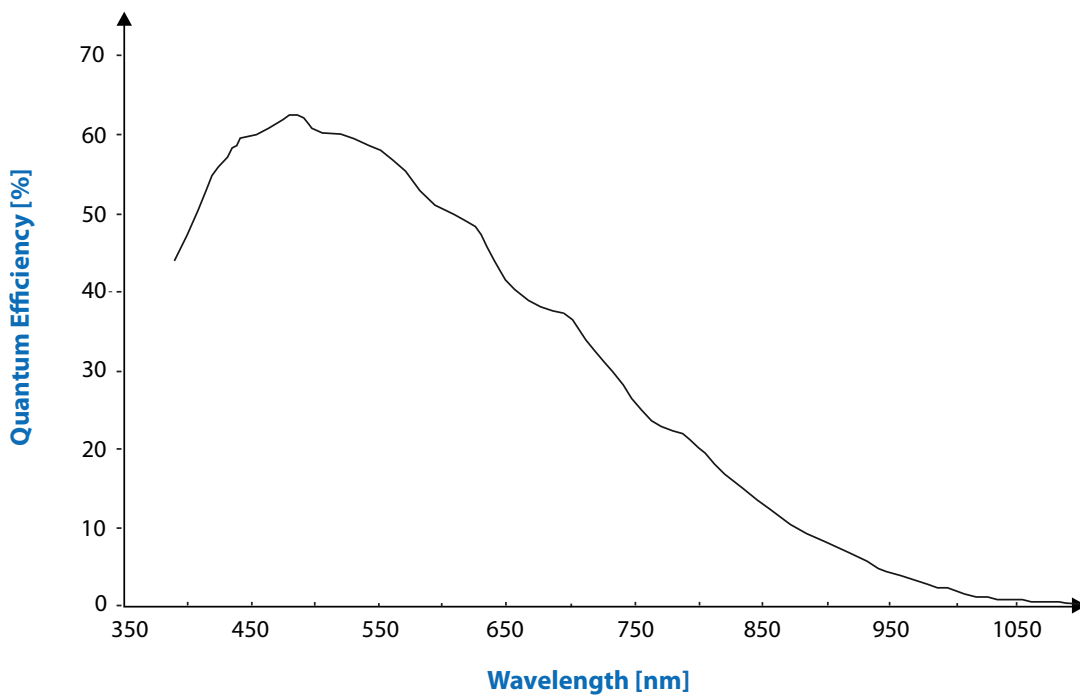
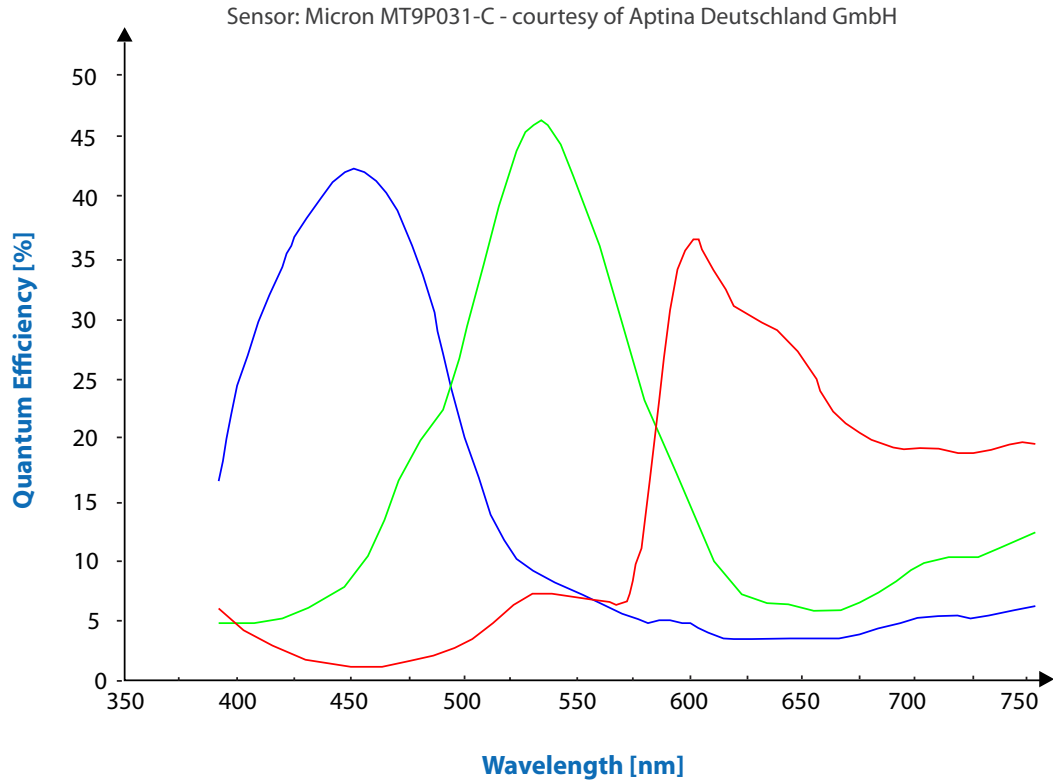
# Spectral Sensitivity - MT9T031

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





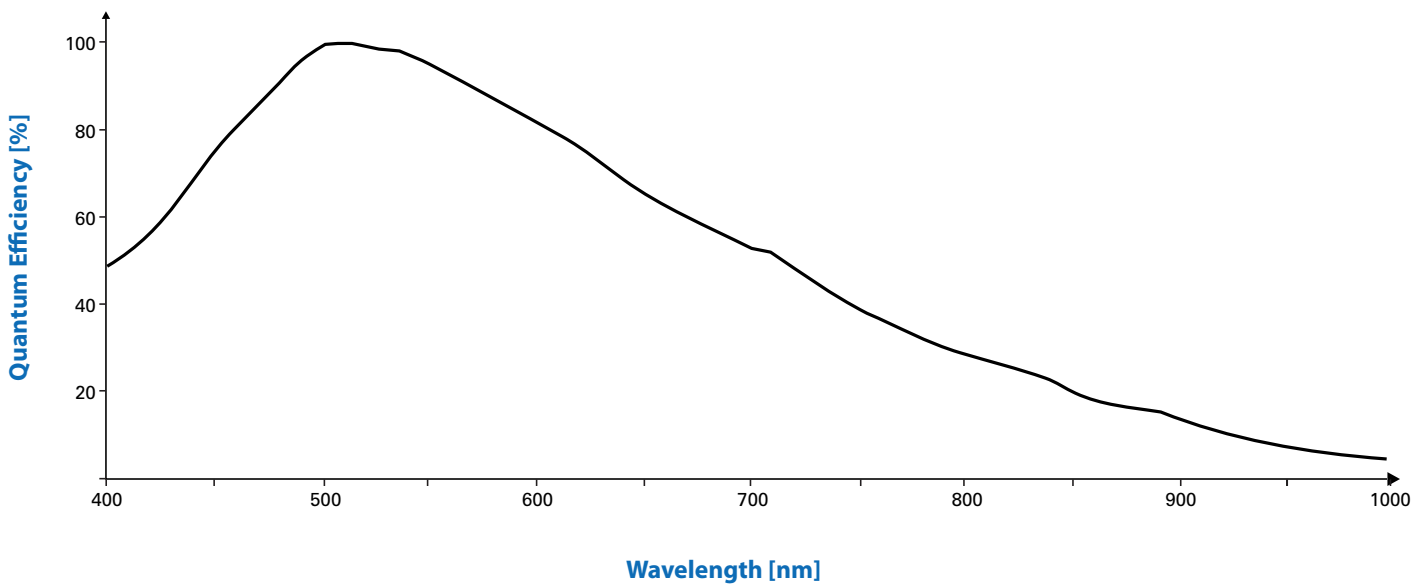
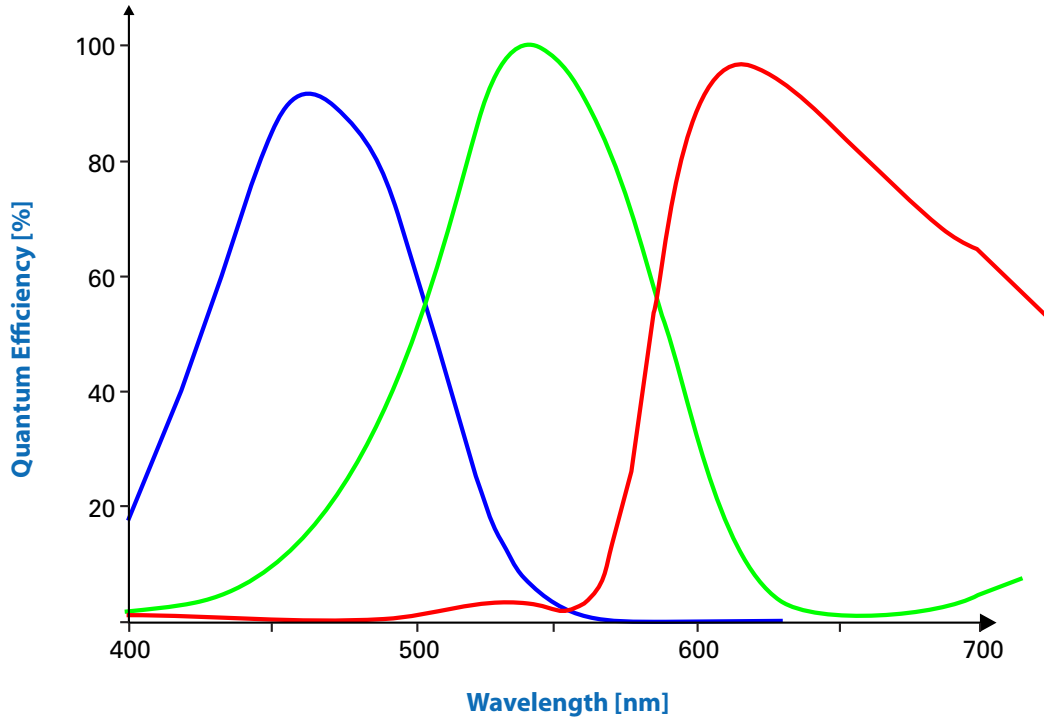
# Spectral Sensitivity - MT9P031





# Spectral Sensitivity - ICX098

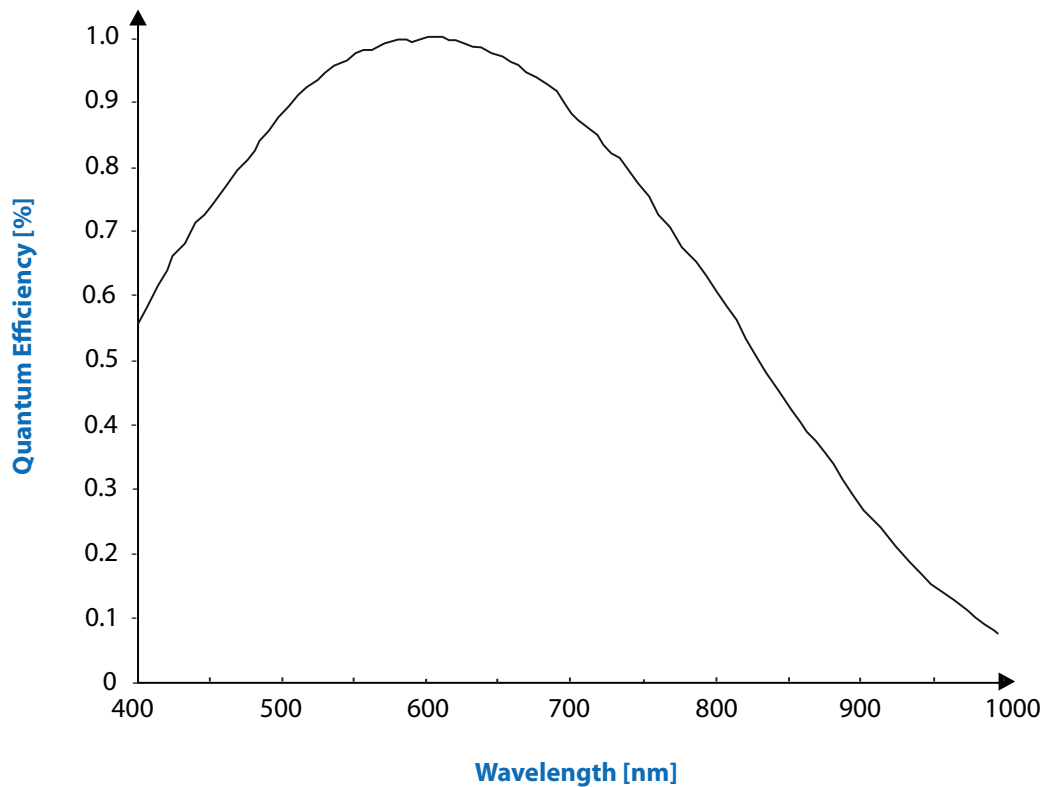
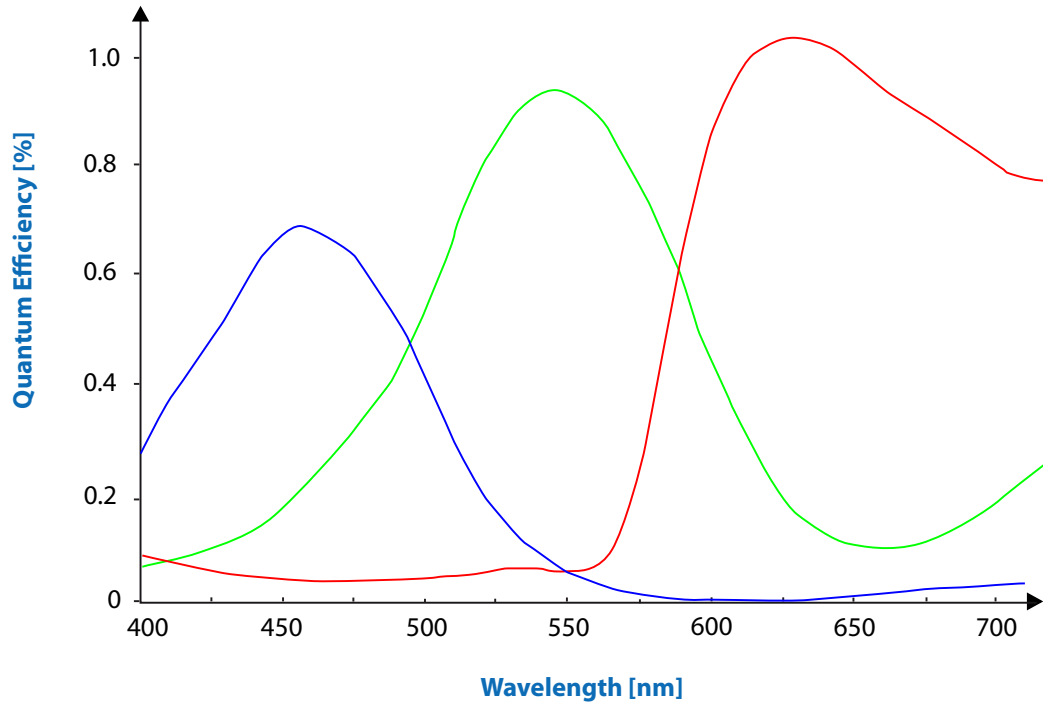
Sensor: Sony ICX098 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX618

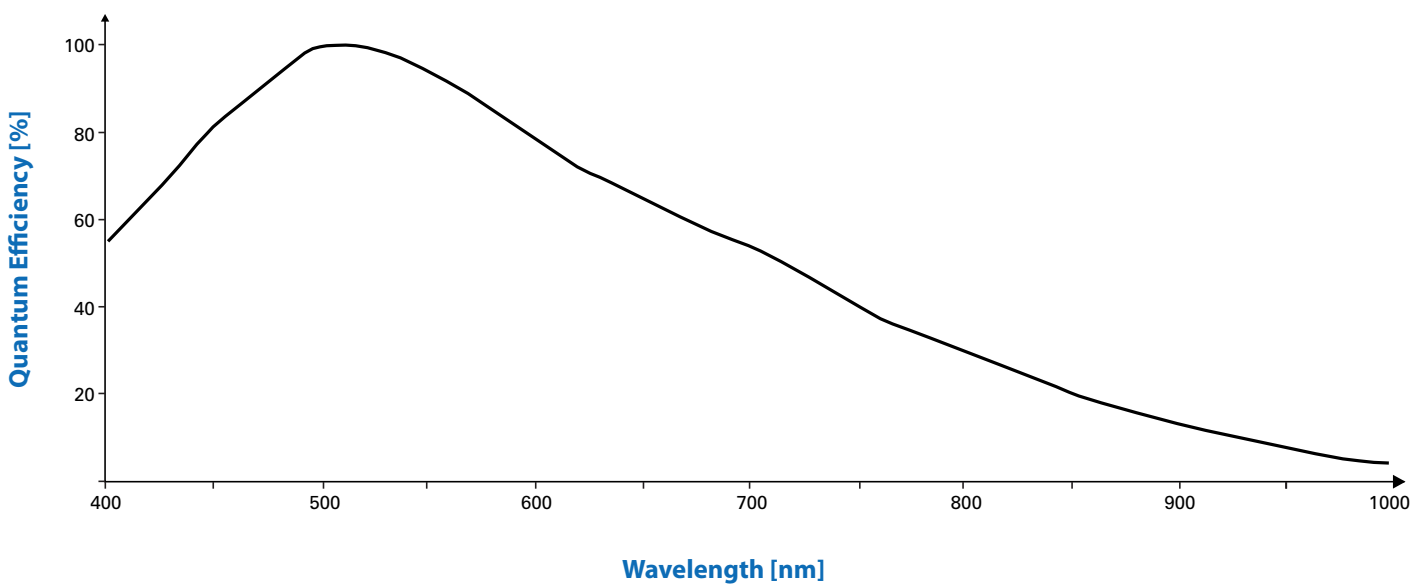
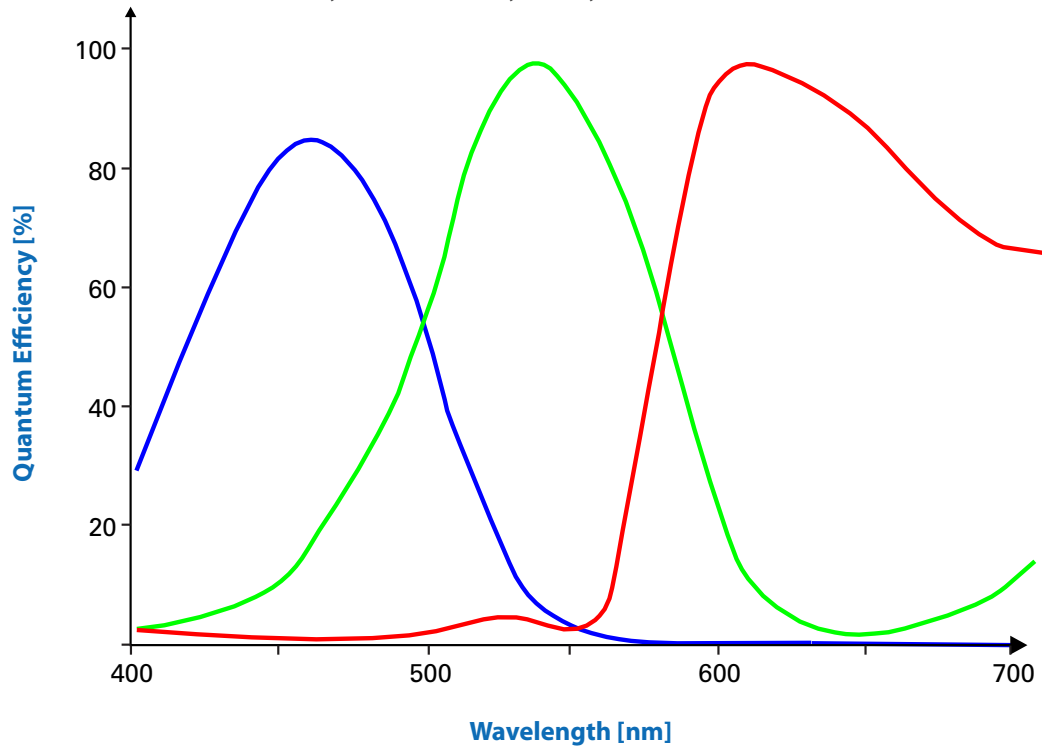
Sensor: Sony ICX618 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX204

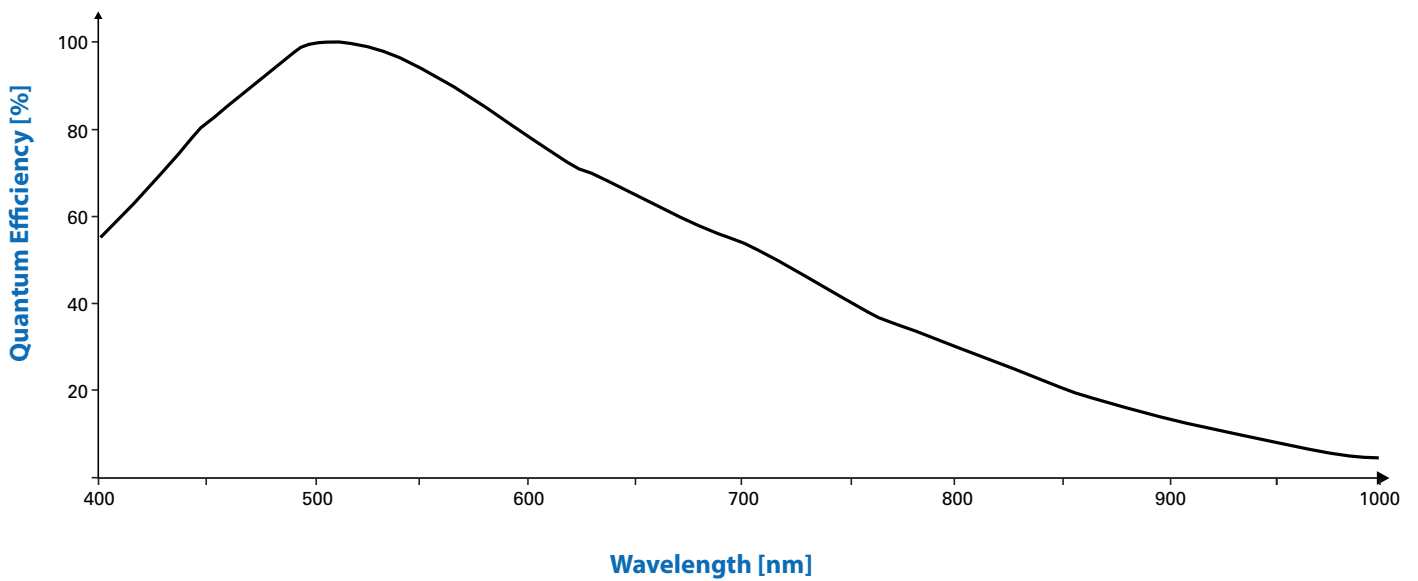
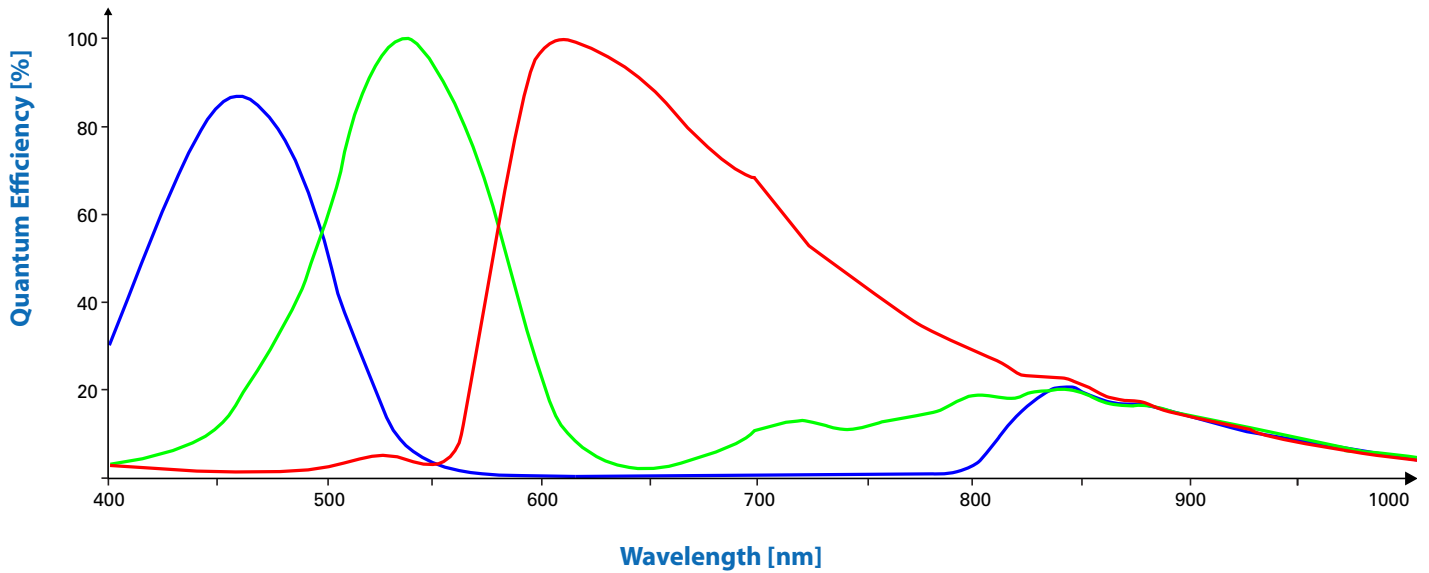
Sensor: Sony ICX204 - courtesy of Sony Deutschland GmbH





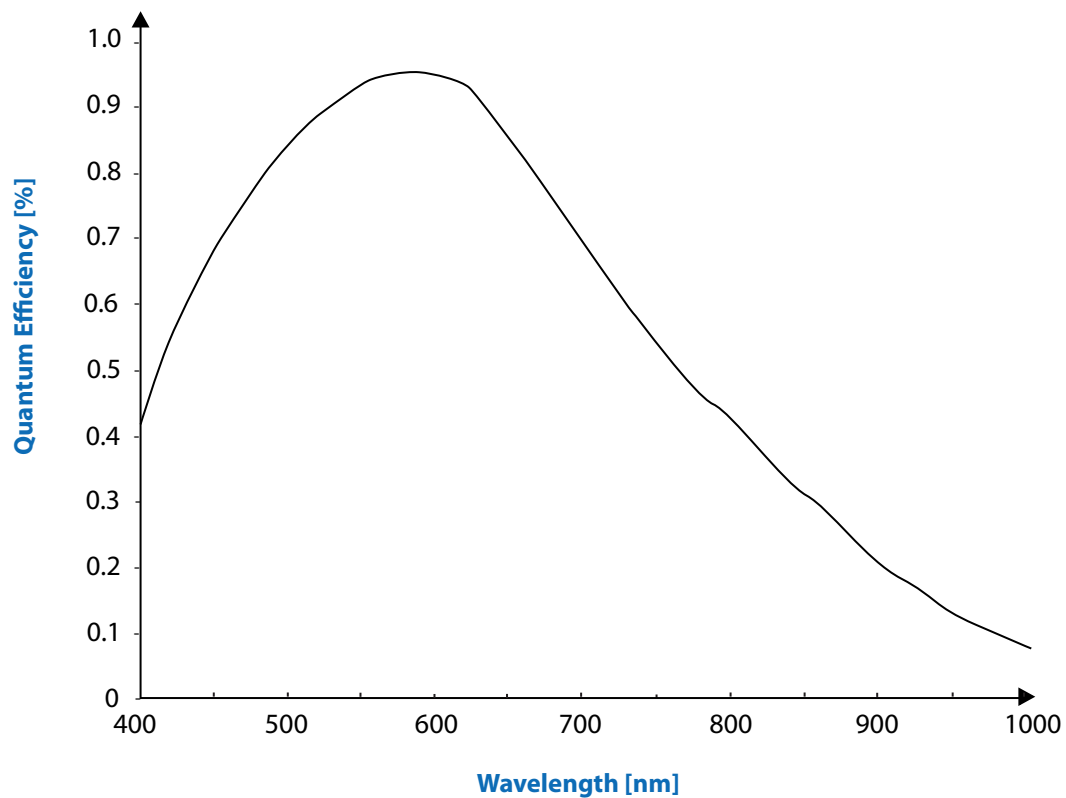
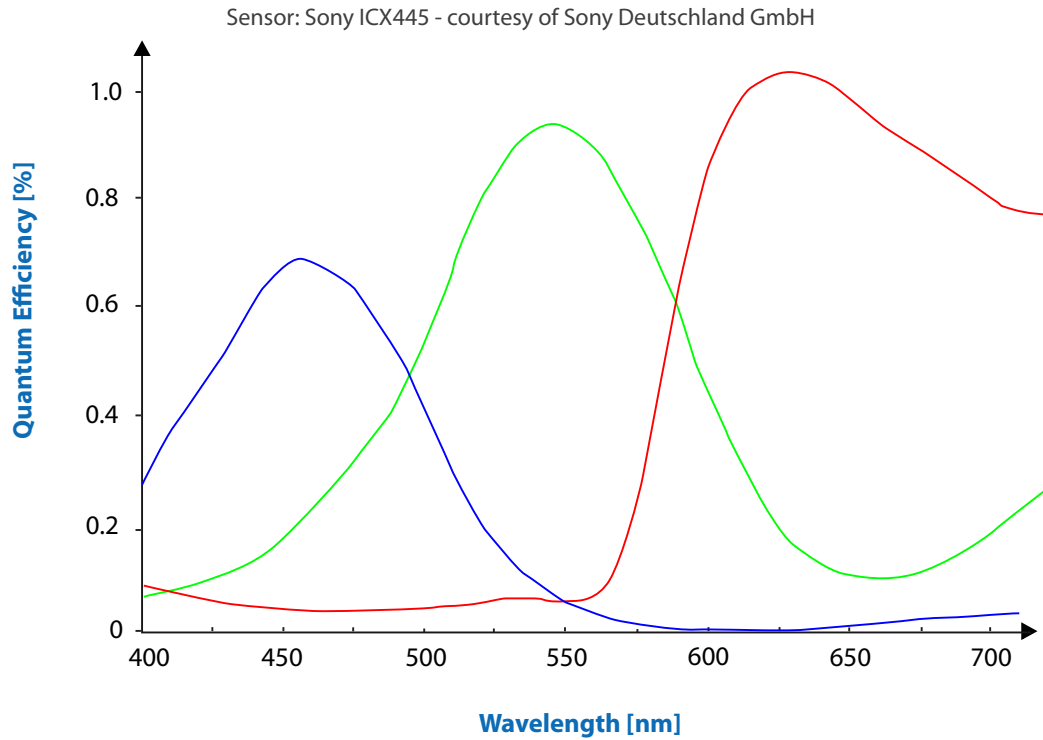
# Spectral Sensitivity - ICX205

Sensor: Sony ICX205 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity - ICX445

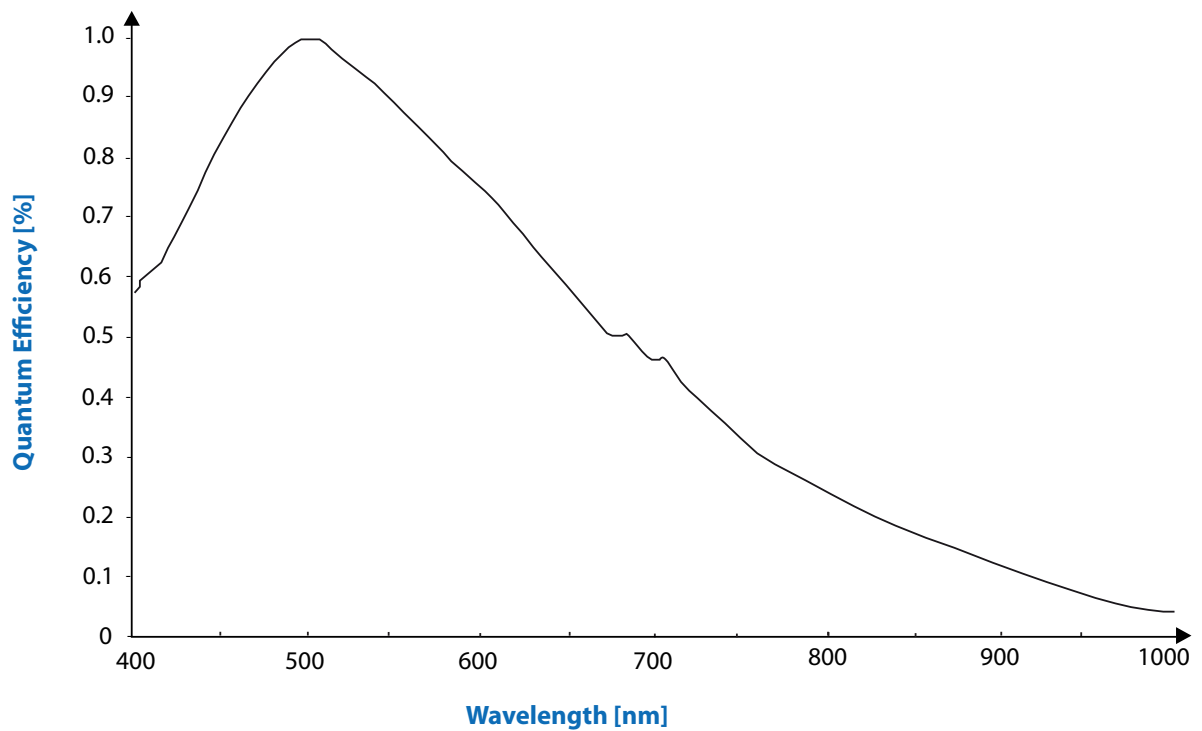
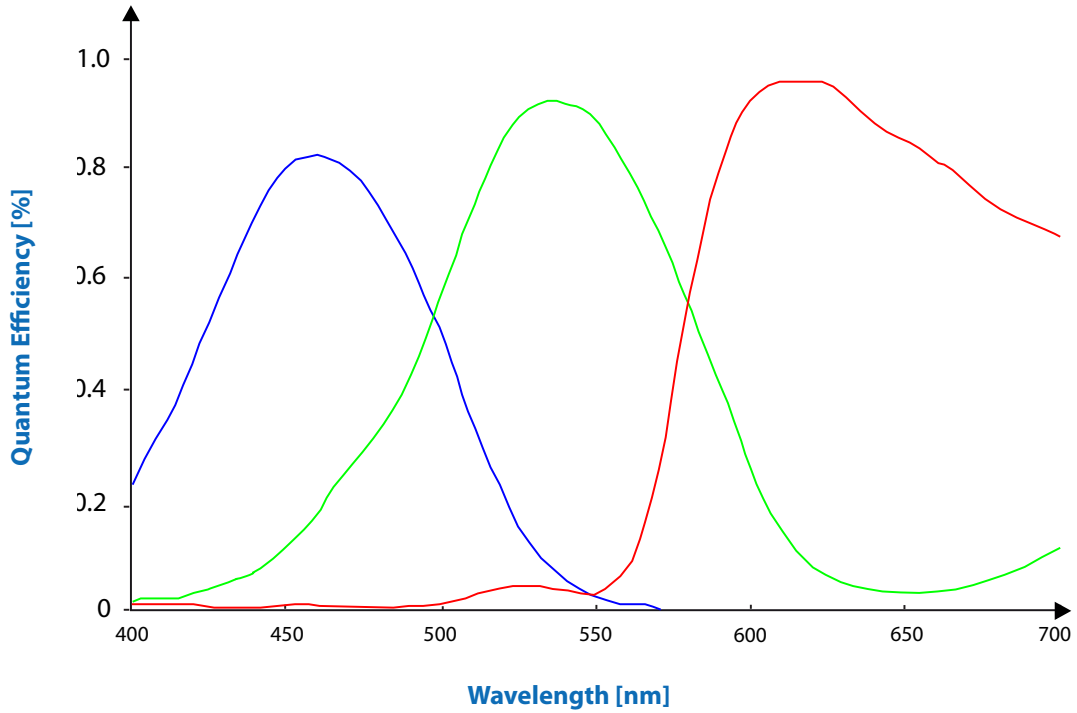






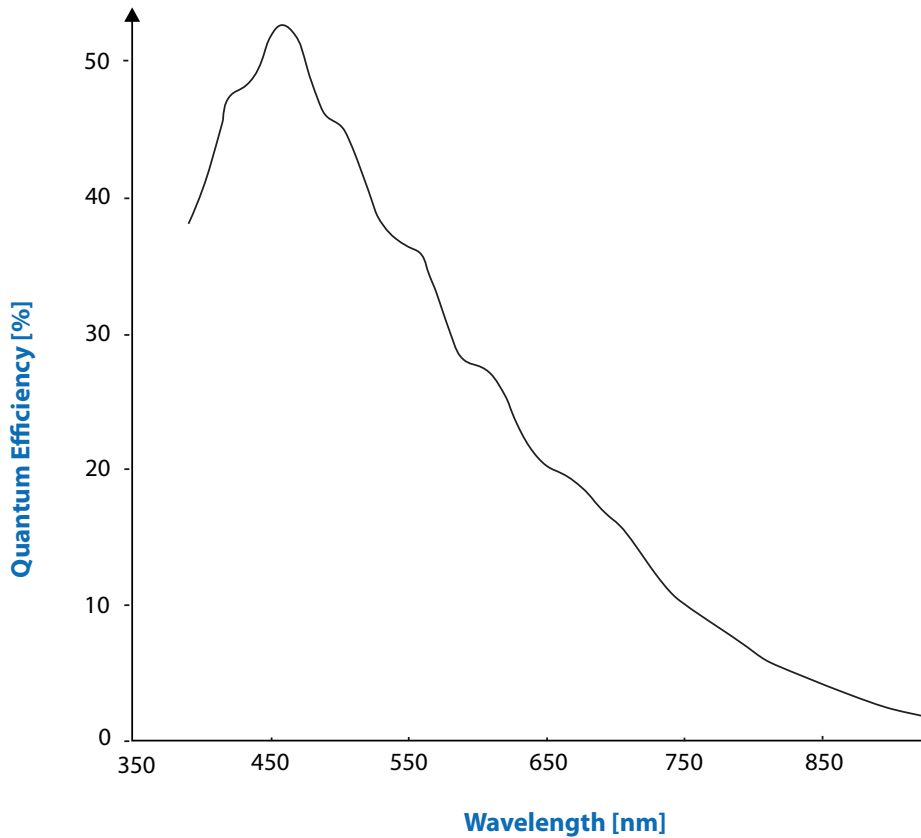
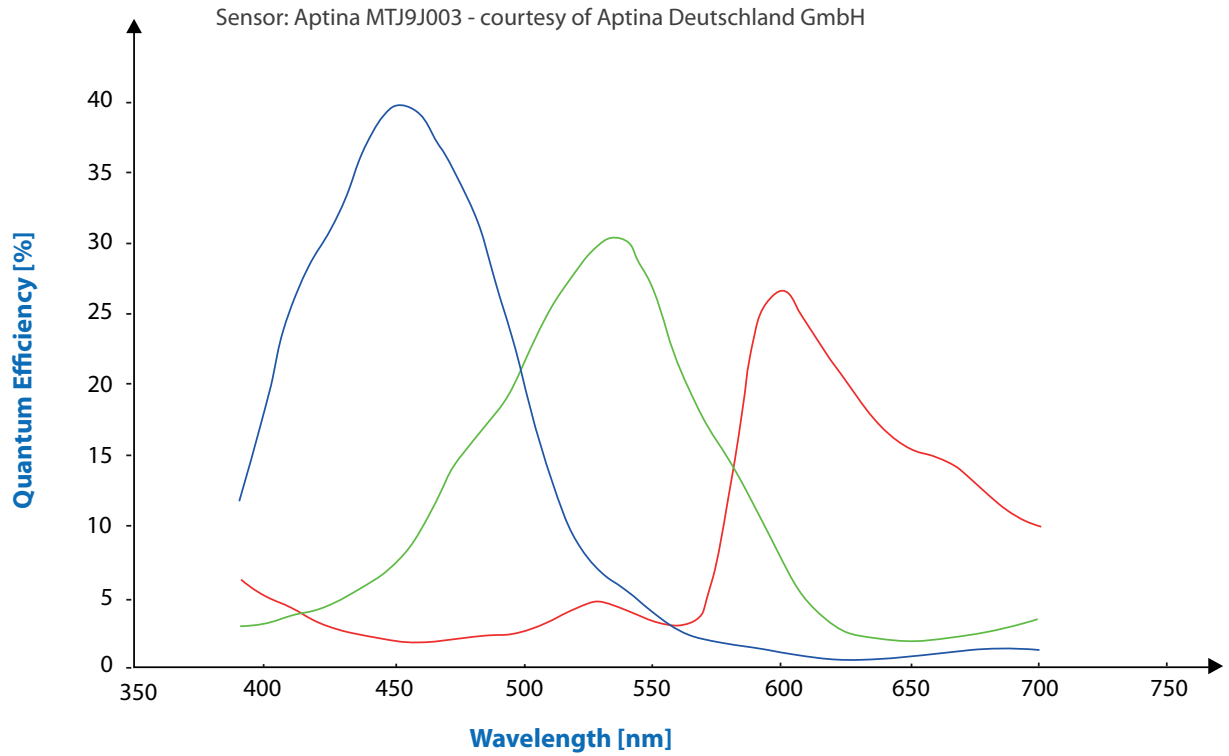
# Spectral Sensitivity - ICX274

Sensor: Sony ICX274 - courtesy of Sony Deutschland GmbH



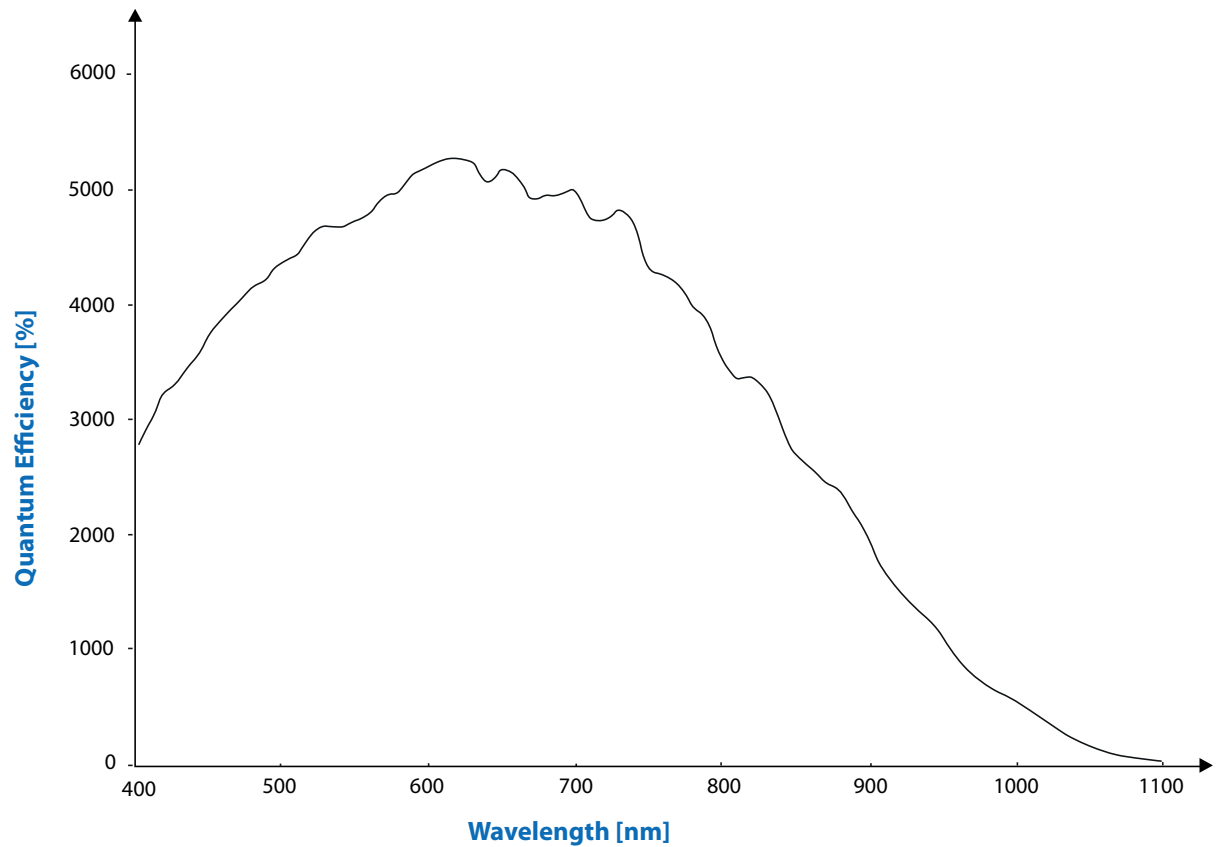
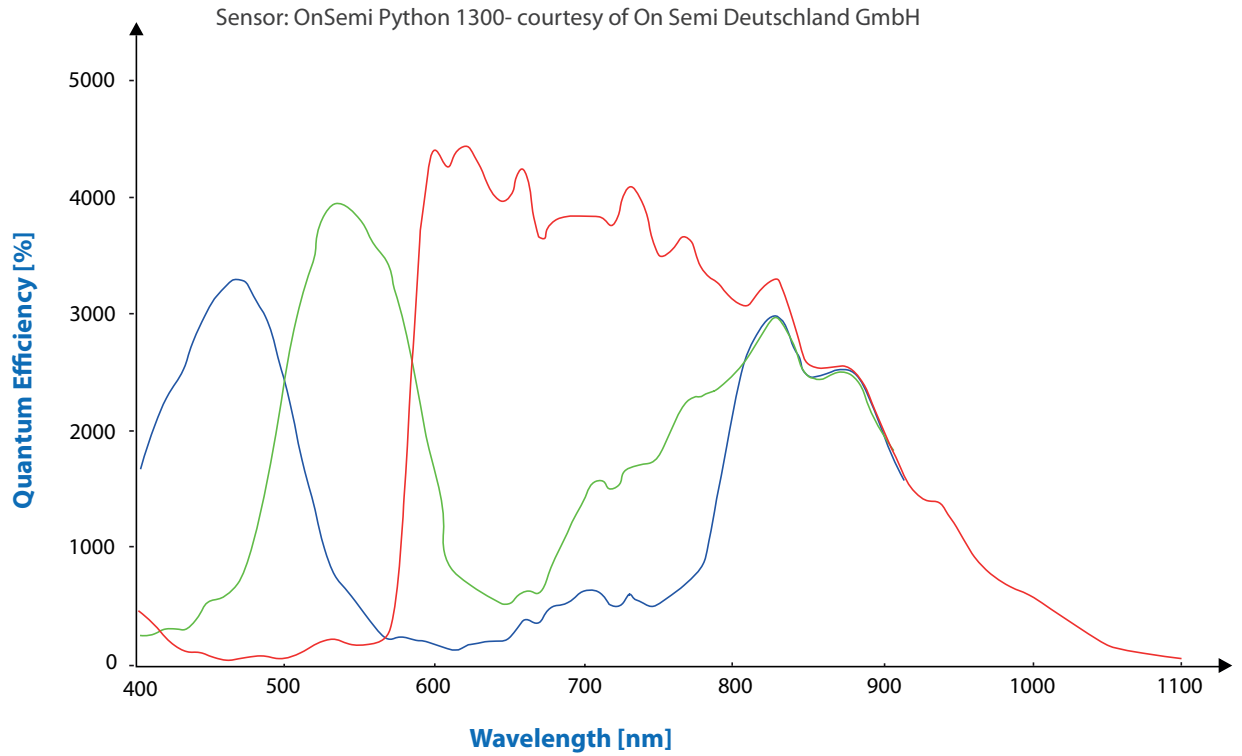


# Spectral Sensitivity - MT9J003





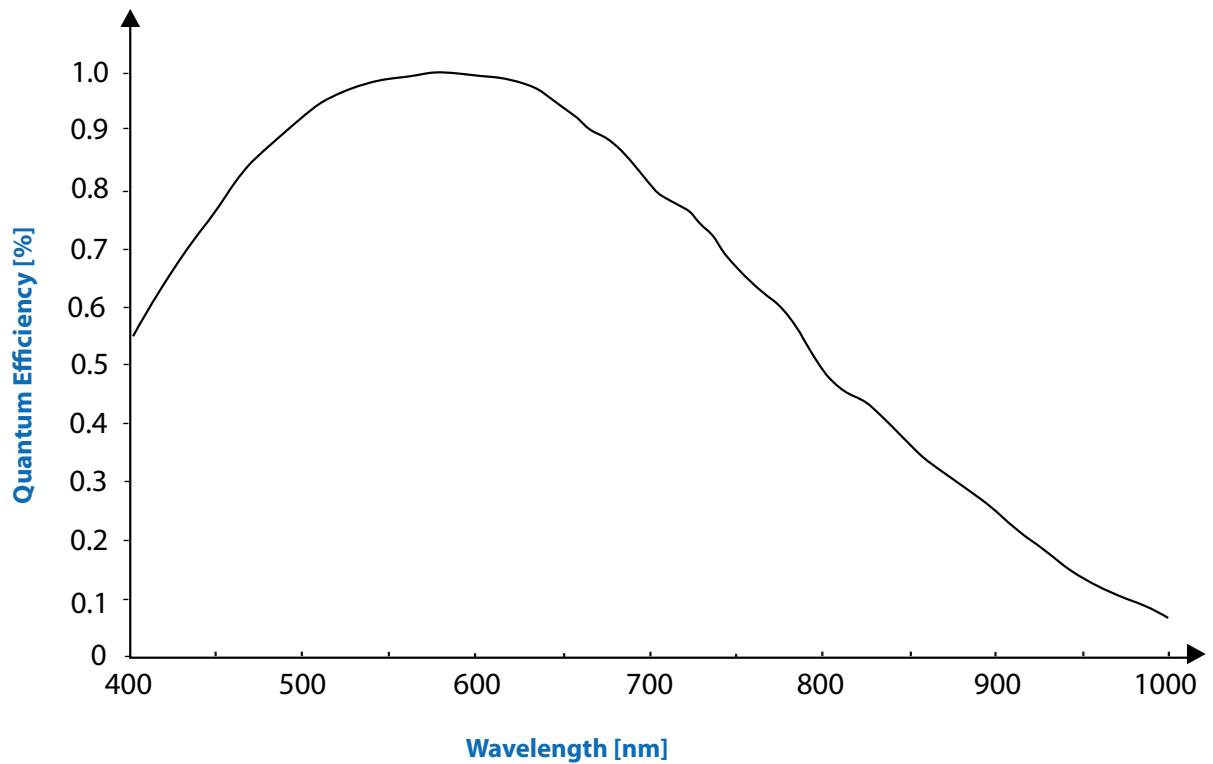
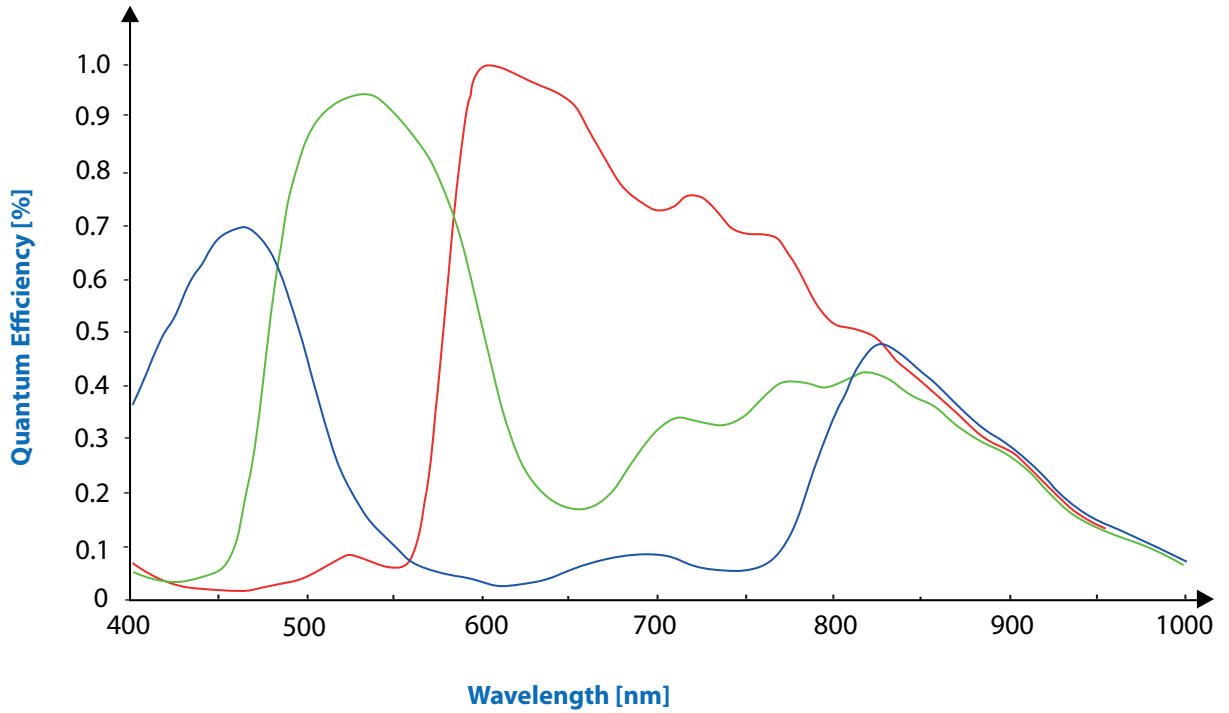
# Spectral Sensitivity - Python 1300





# Spectral Sensitivity - IMX236

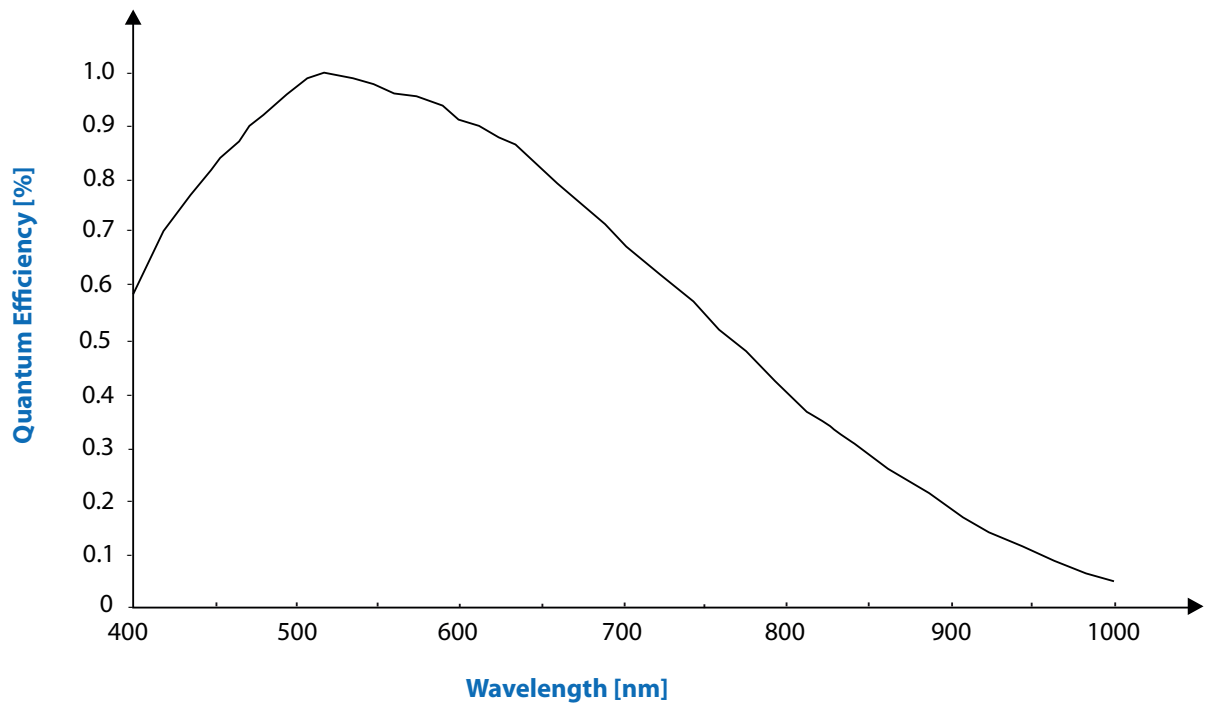
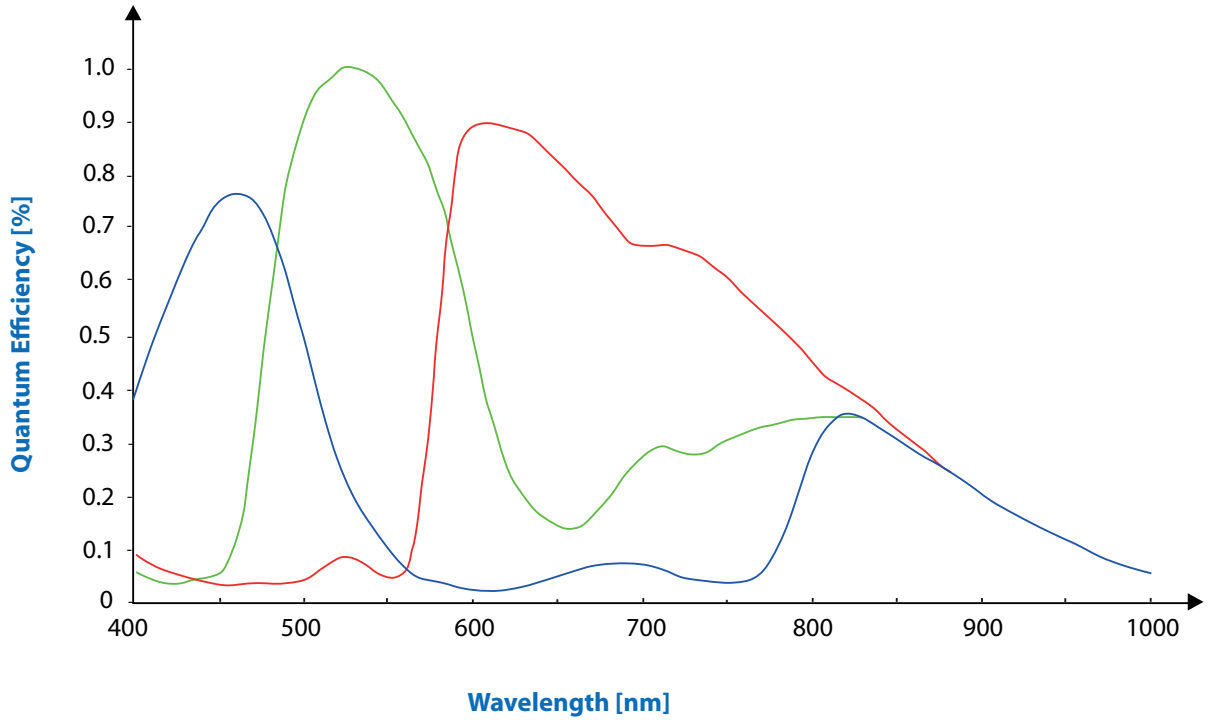
Sensor: Sony IMX236 - courtesy of Sony Deutschland GmbH





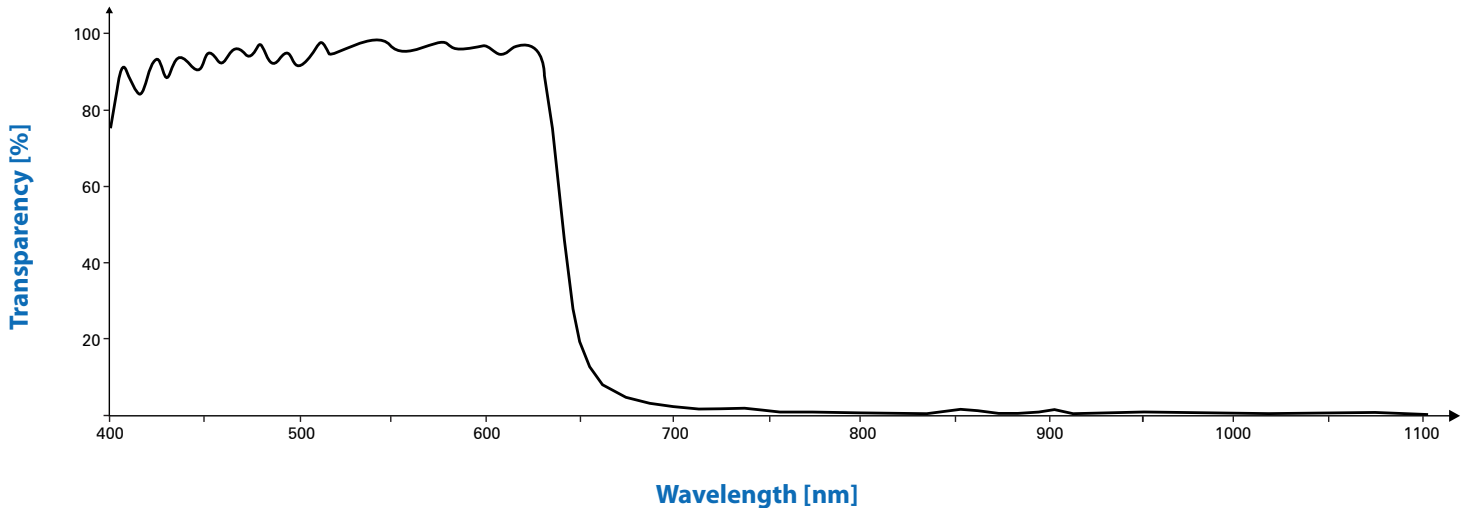
# Spectral Sensitivity - IMX174

Sensor: Sony IMX174 - courtesy of Sony Deutschland GmbH





# Spectral Sensitivity IR Cut Filter



**Headquarters:** The Imaging Source Europe GmbH  
Sommerstrasse 36, D-28215 Bremen, Germany  
Phone: +49 421 33591-0

**North & South America:** The Imaging Source, LLC  
6926 Shannon Willow Rd, S 400, Charlotte, NC 28226, USA  
Phone: +1 704-370-0110

**Asia Pacific:** The Imaging Source Asia Co. Ltd.  
6F-1, No.230, Sec.3, Ba-De Road, Taipei City 10555, Taiwan  
Phone: +886 2-2577-1228

[www.theimagingsource.com](http://www.theimagingsource.com)

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Last update: July 2012

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