

## Professional GigE Camera for Medical X-ray—OK\_AM1566

### Main Features

- Gigabit Ethernet Output , easy maintenance, cost-save
- Full 1024x 1024 resolution @ 25 fps with 12bit ADC
- High dynamic range, high sensitivity, excellent image quality
- Excellent image contrast at low dose
- Motor-aperture, manual focusing
- Exposure /Gamma / Frame rate control
- Ease of integration to a variety of image intensifiers
- Easy system integration
- Real-time clinical image processing
- Real-time noise reduction, Shading correction, Edge enhancement, Blemish correction
- Variety I/O interface to synchronize the X-ray facilities
- Easy adjustable to procedure



### Specification

Frame Rate(Hz)	25
Pixel Clock(MHz)	35
CCD Sensor	2/3 inch mono progressive
CCD Size (mm)	8.3×8.3
Interface	Gigabit Ethernet (GigE Vision compliant)
Pixel Size(μm)	6.45×6.45
Total Pixels	1060×1040
Resolution	1024×1024
Sensitivity (lux)	0.02
A/D	12bit
SNR (db)	64
Max Exposure Time (s)	2.2
Min Exposure Time (μs)	38
Gamma	0.45~1.0
Trigger Input	TTL
Environment	-5℃ ~ +45℃
Humidity	20—80%
Storage Temperature	-25℃~60℃/ 20%~90%
Computer System,	Windows98/2000/XP/NT/Vista/7/8
Lens Mount	C/CS mount

### Application Field

OK\_AM1566 camera is perfect for use in applications such as:

- Science research
- Medical imaging
- Industry inspection