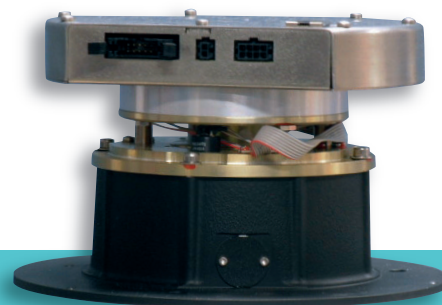


## DEDICATED TO MEDICAL X-RAY IMAGING

- ▶ TH 8770 is a new-generation CCD GigE Vision camera. Based on Thales experience in conventional X-ray imaging, it is designed for perfect match with X-ray image intensifiers.
- ▶ Integrated in either R/F tables or mobile C-arms, the TH 8770 CCD camera is optimized for digital fluoroscopy and radiography.
- ▶ Thales provides either the camera itself, or a videokit or a complete RIU when associated with an XR11.





## TH 8770 High-resolution CCD Camera

Advanced, cost-effective solution for conventional x-ray equipment



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# TH 8770 High-resolution CCD Camera

Advanced, cost-effective solution  
for conventional x-ray equipment

## COST EFFECTIVE:

- New design based on one single electronic board.
- GigE with Ethernet boards allows to suppress the workstation frame grabber board. Image display and processing are done directly by the W S computer (which integrates CPU and GPU).

## COMPATIBLE WITH ALL THALES XR II SIZES

- Perfect match between this new camera and all II sizes, from 6" to 12".

## HIGH RESOLUTION

1 k<sup>2</sup> camera using same high-resolution chip as Thales TH 8740 camera family.

## GigE VISION STANDARD INTERFACE

GigE Vision is a camera interface standard based on the Gigabit Ethernet (GigE) communication protocol. This new standard is managed by Automated Imaging Association (AIA).

## CHARACTERISTICS

Camera features	
Remote controlled functions	Video gain, scanning mode, synchronization mode
Synchronization	internal or external
Dynamic range	62 dB
Digital video output	12 bit GigE Vision technology
CCD operating mode	1 k x 1 k pixels @30 frames/ sec
Camera dimensions	
Diameter	165 mm
Length	116 mm without RJ45 connector 126 mm with RJ45 right angle connector 161 mm with RJ45 straight connector
Sensor features	
Image resolution	1000 x 1000 pixels
CCD technology	Interline
Active area	7.4 x 7.4 mm
Compact lens (optional)	
Motorized or manual iris	
Light measurement (optional)	
Neutral density filter (optional)	

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