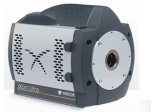

nüvü cameras
FLIR
Q IMAGING
Commercial EMCCD Cameras

Andor

an Oxford Instruments Company



Model	Active Pixels	Pixel Size	Readout	Cooling
iXon3 860	128 x 128	24	10 MHz	Thermo-electric w/ Air or Liquid Cooling
iXon Ultra 897	512 x 512	16	30 MHz	
iXon Ultra 888	1024 x 1024	13	30 MHz	
Newton 970	1024 x 255	26	3 MHz	
Newton 971	1600 x 400	16	3 MHz	

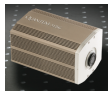
NüVü

cameras

Model	Active Pixels	Pixel Size	Readout	Cooling
HNü 128	128 x 128	24	20 MHz	Thermo-electric Cooling
HNü 512	512 x 512	16	20 MHz	
HNü 1024	1024 x 1024	13	20 MHz	
EM N2 128	128 x 128	24	20 MHz	Liquid Nitrogen
EM N2 512	512 x 512	16	20 MHz	
EM N2 1024	1024 x 1024	13	20 MHz	

PHOTOMETRICS

a division of Roper Scientific, Inc.

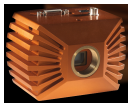


Model	Active Pixels	Pixel Size	Readout	Cooling
Cascade: 128+	128 x 128	24	12 MHz	-30 C Air
Cascade: 1K	1004 x 1002	8	10 MHz	-30 C Air
Evolve 512	512 x 512	16	20 MHz	-85 C Liquid
QuantEM: 512SC	512 x 512	16	10 MHz	-30 C Air

Princeton Instruments

Model	Active Pixels	Pixel Size	Readout	Cooling
ProEM-HS: 512BX3	512 x 512	16	20 MHz	Thermo-electric w/ Air or Liquid Cooling
ProEM-HS: 1024BX3	1024 x 1024	13	30 MHz	
ProEM +: 1600	1600 x 400	16	8 MHz	

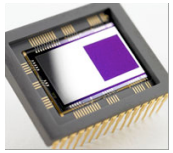
Raptor photonics



Model	Active Pixels	Pixel Size	Readout	Cooling
FALCON FA286-CL	1004 x 1002	8	30 MHz	-20 C
KITE EMCCD	658 x 496	10	30 MHz	-20 C

e2v

Detector	Active Pixels	Pixel Size	Readout Mode
CCD60	128 x 128	24	Frame xfer
CCD97	512 x 512	16	Frame xfer
CCD201-20	1024 x 1024	13	Frame xfer
CCD207	1600 x 400	16	Full frame



Texas Instruments Japan

Detector	Active Pixels	Pixel Size	Readout Mode
TC 247 SPD	658 x 496	10	Interline frame xfer
TC 283 SPD	658 x 496	7.4	Frame xfer
TC 285 SPD	1004 x 1002	8	Frame xfer

Not intended to be exhaustive