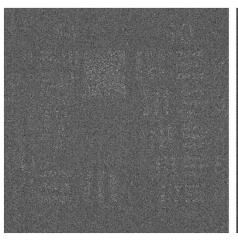
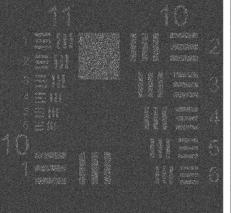
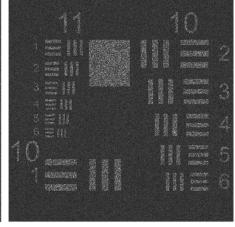
Background = 0

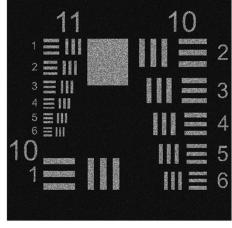


qCMOS (ORCA-Quest, Ultraquiet scan)







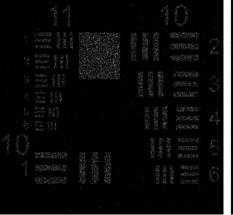


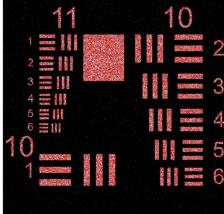
EMCCD (ImagEM X2, 1000x gain)





0.5





Photon intensity (photons/pixel/frame)

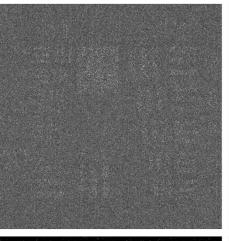
0.1

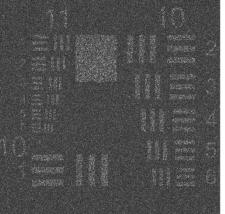
1.0

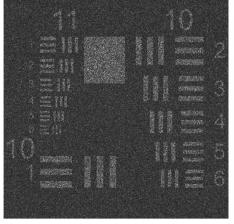
10

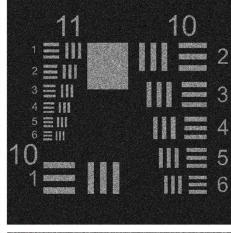


qCMOS (ORCA-Quest, Ultraquiet scan)

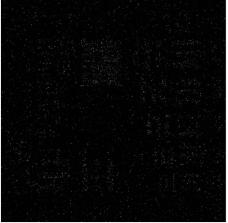


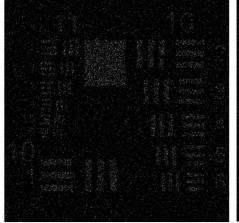




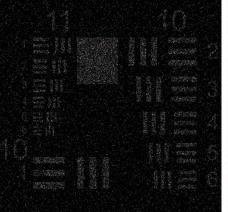


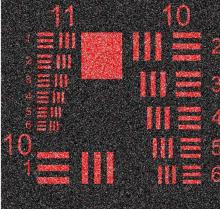
EMCCD (ImagEM X2, 1000x gain)





0.5





Photon intensity (photons/pixel/frame)

0.1

1.0

10

0.1

(photons/pixel/frame)



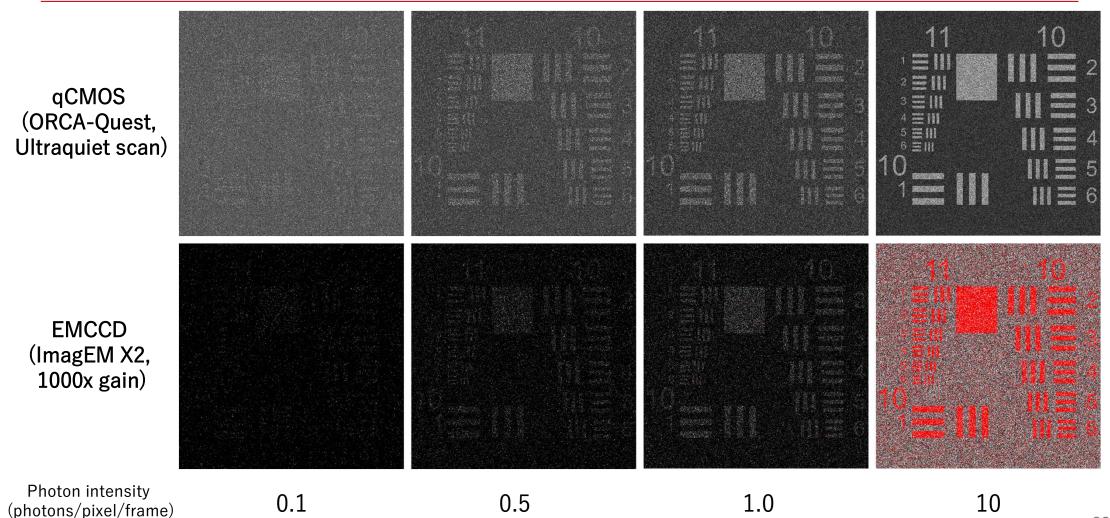
qCMOS4 = III 5 = III 6 = III (ORCA-Quest, Ultraquiet scan) **Ⅲ =** 6 **EMCCD** (ImagEM X2, 1000x gain) Photon intensity

0.5

10

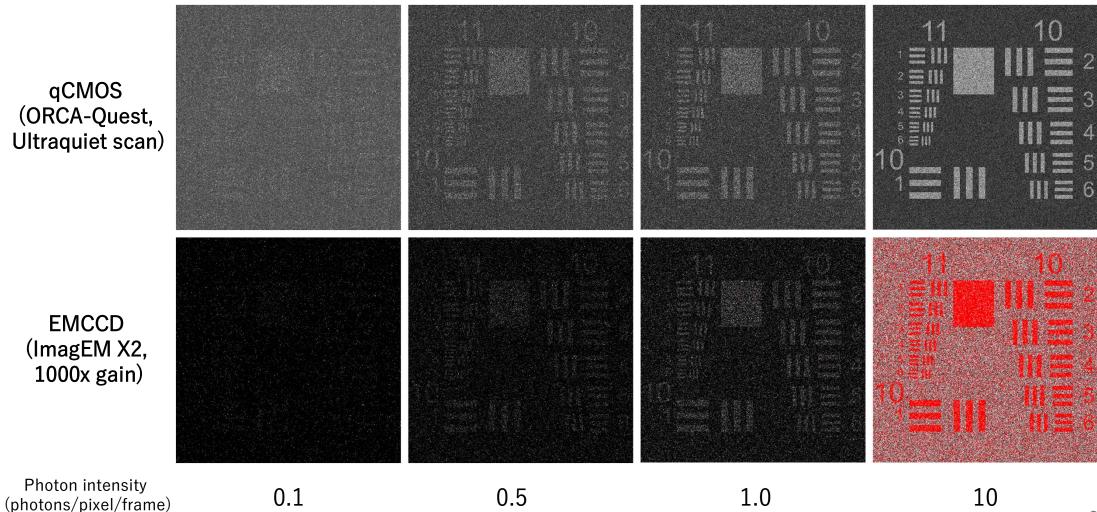
1.0





© Hamamatsu Photonics K.K. and its affiliates. All Rights Reserved.





© Hamamatsu Photonics K.K. and its affiliates. All Rights Reserved.