

# New APD Matrix

New APD 8\*8 matrices were developed by  
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Active area of one matrix element:

1.  $2*2\text{mm}^2$ , 1000 pixels/ $\text{mm}^2$
2.  $3*3\text{mm}^2$ , 15000 pixels/ $\text{mm}^2$

distance between matrix elements 0.5mm

PDE=20% at 450 nm

First samples will be produced in 3 months