

# Supplementary Information: High-Performance Low-Voltage Transparent Metal-Semiconductor-Metal Ultraviolet Photodetectors Based on Ultrathin Gold Asymmetric Interdigitated Electrodes

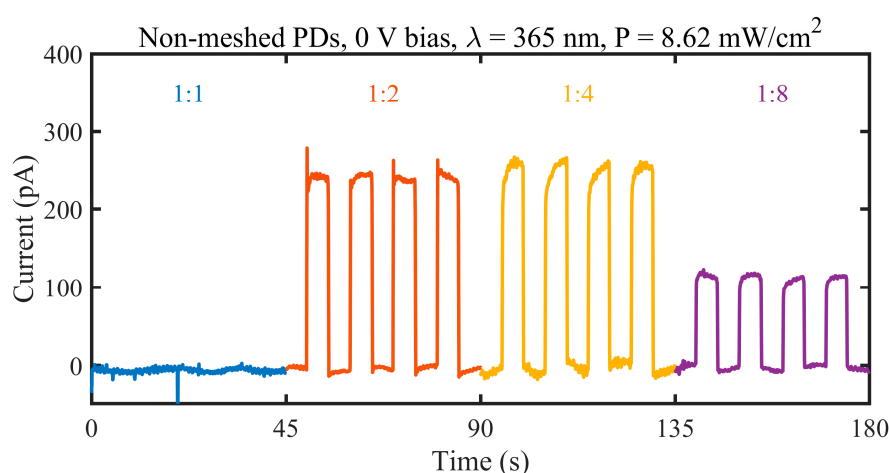
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**Figure S1.** Transient output current of transparent UV PDs with non-meshed pads and aIDT electrodes of different asymmetric ratios under zero bias when the UV light ( $\lambda = 365 \text{ nm}$ ,  $P = 8.62 \text{ mW/cm}^2$ ) is switched on and off periodically.