

Description of Additional Supplementary Files

File Name: Movie S1

Description: Movie showing the comprehensive exhibition of the high-speed wide-field parallel OWC system, wherein the communication process is visually represented through animation.

File Name: Movie S2

Description: Movie exhibiting the detailed depiction of signal conversion processes of components in the high-speed wide-field parallel OWC system.

File Name: Movie S3

Description: Movies showing the disconnection and reconnection of the high-speed wide-field parallel OWC system.