**Simple:**

TLS 1.3 handshake : 0.011689

**Timestamp Filename\_Send\_Time File\_Send\_Time**57:56.0 0.000386433 1.357466211  
58:23.0 0.00041261 1.605107436  
58:49.0 0.001458149 1.02241465  
59:25.0 0.000325633 5.988930437

**Kyber512:**

**12:06:10.8**

TLS 1.3 hanshake duration: 0.012425774

Key Exchange phase duration : 0.003435021

Hybrid Key Generation : 0.002231208

Time period : 12:06:10,828 - 12:06:10,879

Image 1:

2025-04-29 12:07:11,035 - New file detected: 1745917627-g2.png with size 4096359

2025-04-29 12:07:16,626 - Total Signing Time for Message: 2.423821 seconds

2025-04-29 12:07:16,627 - Total Encryption Time for Message: 0.601470 seconds

2025-04-29 12:07:16,627 - Total Sent Time for Message: 2.177001 seconds

2025-04-29 12:07:16,630 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745917627-g2.png sent and deleted.

Image 2:

2025-04-29 12:07:36,659 - New file detected: 1745917652-g3.png with size 4301260

2025-04-29 12:07:46,618 - Total Signing Time for Message: 2.664868 seconds

2025-04-29 12:07:46,619 - Total Encryption Time for Message: 0.602535 seconds

2025-04-29 12:07:46,619 - Total Sent Time for Message: 6.297245 seconds

2025-04-29 12:07:46,624 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745917652-g3.png sent and deleted.

Image 3:

2025-04-29 12:08:02,307 - New file detected: 1745917677-g4.png with size 4095103

2025-04-29 12:08:06,965 - Total Signing Time for Message: 2.174236 seconds

2025-04-29 12:08:06,965 - Total Encryption Time for Message: 0.553871 seconds

2025-04-29 12:08:06,965 - Total Sent Time for Message: 1.594724 seconds

2025-04-29 12:08:06,970 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745917677-g4.png sent and deleted.

Video:

2025-04-29 12:08:22,003 - New file detected: MainCamera\_Flight\_1745917611.avi with size 16782894

2025-04-29 12:08:38,100 - Total Signing Time for Message: 9.118104 seconds

2025-04-29 12:08:38,100 - Total Encryption Time for Message: 2.108323 seconds

2025-04-29 12:08:38,100 - Total Sent Time for Message: 3.504966 seconds

2025-04-29 12:08:38,114 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/MainCamera\_Flight\_1745917611.avi sent and deleted.

**Kyber768:**

TLS 1.3 hanshake duration: 0.019090439

Key Exchange phase duration : 0.006760998

Hybrid Key Generation : 0.002431993

Time period : 12:19:45,191- 12:19:45,334

Image 1:

2025-04-29 12:20:40,384 - New file detected: 1745918435-g2.png with size 4295056

2025-04-29 12:20:45,349 - Total Signing Time for Message: 2.731639 seconds

2025-04-29 12:20:45,350 - Total Encryption Time for Message: 0.647938 seconds

2025-04-29 12:20:45,350 - Total Sent Time for Message: 1.168850 seconds

2025-04-29 12:20:45,354 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745918435-g2.png sent and deleted.

Image 2:

2025-04-29 12:21:05,427 - New file detected: 1745918462-g3.png with size 4248276

2025-04-29 12:21:10,106 - Total Signing Time for Message: 2.361352 seconds

2025-04-29 12:21:10,106 - Total Encryption Time for Message: 0.525880 seconds

2025-04-29 12:21:10,106 - Total Sent Time for Message: 1.454200 seconds

2025-04-29 12:21:10,110 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745918462-g3.png sent and deleted.

Image 3:

2025-04-29 12:21:25,151 - New file detected: 1745918484-g4.png with size 4243858

2025-04-29 12:21:29,271 - Total Signing Time for Message: 2.205666 seconds

2025-04-29 12:21:29,272 - Total Encryption Time for Message: 0.520786 seconds

2025-04-29 12:21:29,272 - Total Sent Time for Message: 1.047335 seconds

2025-04-29 12:21:29,276 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745918484-g4.png sent and deleted.

Video:

2025-04-29 12:21:59,599 - New file detected: MainCamera\_Flight\_1745918422.avi with size 20190766

2025-04-29 12:22:30,810 - Total Signing Time for Message: 10.543493 seconds

2025-04-29 12:22:30,810 - Total Encryption Time for Message: 2.587369 seconds

2025-04-29 12:22:30,811 - Total Sent Time for Message: 16.387546 seconds

2025-04-29 12:22:30,820 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/MainCamera\_Flight\_1745918422.avi sent and deleted.

**Kyber1024:**

TLS 1.3 hanshake duration: 0.02194915

Key Exchange phase duration 0.018656422

Hybrid Key Generation : 0.002539027

Time period : 12:30:58,554- 12:30:58,636

Image1:

2025-04-29 12:31:48,731 - New file detected: 1745919108-g2.png with size 4205754

2025-04-29 12:31:54,118 - Total Signing Time for Message: 2.347544 seconds

2025-04-29 12:31:54,118 - Total Encryption Time for Message: 0.671892 seconds

2025-04-29 12:31:54,119 - Total Sent Time for Message: 2.018906 seconds

2025-04-29 12:31:54,124 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745919108-g2.png sent and deleted.

Image2:

2025-04-29 12:32:24,287 - New file detected: 1745919140-g3.png with size 4312033

2025-04-29 12:32:32,398 - Total Signing Time for Message: 2.567557 seconds

2025-04-29 12:32:32,398 - Total Encryption Time for Message: 0.655198 seconds

2025-04-29 12:32:32,399 - Total Sent Time for Message: 4.502998 seconds

2025-04-29 12:32:32,402 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745919140-g3.png sent and deleted.

Image3:

2025-04-29 12:32:47,615 - New file detected: 1745919166-g4.png with size 4074831

2025-04-29 12:33:03,600 - Total Signing Time for Message: 2.580443 seconds

2025-04-29 12:33:03,601 - Total Encryption Time for Message: 0.799122 seconds

2025-04-29 12:33:03,601 - Total Sent Time for Message: 12.154918 seconds

2025-04-29 12:33:03,611 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/1745919166-g4.png sent and deleted.

Video:

2025-04-29 12:33:08,848 - New file detected: MainCamera\_Flight\_1745919095.avi with size 14947886

2025-04-29 12:33:32,511 - Total Signing Time for Message: 8.580909 seconds

2025-04-29 12:33:32,512 - Total Encryption Time for Message: 2.177652 seconds

2025-04-29 12:33:32,512 - Total Sent Time for Message: 11.694904 seconds

2025-04-29 12:33:32,520 - File /home/jetson/Documents/eac\_osdk-master/eac-medium-voltage/build/bin/PhotoDump/MainCamera\_Flight\_1745919095.avi sent and deleted.