

Data upload and iX Capture 3.4.5.3 processing productivity benchmarks

1. Upload data in different formats

Local internet connection speed (upload/download)	200 Mbps
PhaseOne 150 MP image size	150 MP
RGB IIQ file size	130 MB
RGB TIFF file size	433 MB
NIR IIQ file size	92 MB
NIR TIFF file size	290 MB
RGB+NIR (4-band) TIFF file size	578 MB
Volume of 100 RGB IIQ images	12.7 GB
Volume of 100 RGB TIFF images	42.2 GB
Volume of 100 RGB+NIR (4-band) TIFF images	56.4 GB
Upload time of 100 RGB images in IIQ format @200 Mbps	13 min
Upload time of 100 RGB images in TIFF format @200 Mbps	40 min

2. iX Capture conversion from IIQ to TIFF

iX Capture	Storage	Images	Format	Time RGB (min)	Speed (image/min)	Time RGB+NIR (min)	Speed (image/min)
1xRadeon V520	FAST X	100	TIFF	4	25.0	25	4.0
1xRadeon V520	FAST EFS	100	TIFF	6	16.7	25	4.0
2xRadeon V520	FAST X	100	TIFF	3	33.3	19	5.3
2xRadeon V520	FAST EFS	100	TIFF	5	20.0	20	5.0