



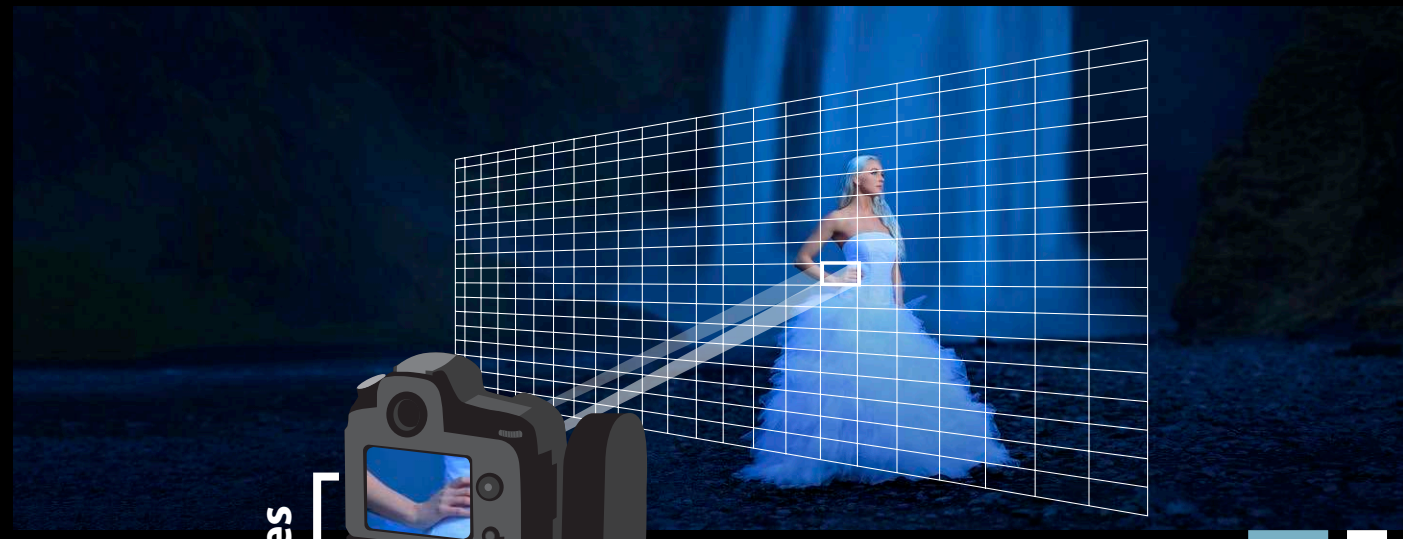
GIGAPIXEL WORKFLOW:

How Lucas Gilman Stores Massive Images of Stunning Beauty

CAPTURE
COPY
INGEST
EDIT
BACKUP
DISTRIBUTION

EACH CAPTURED FRAME:
47 megapixels
Number of frames per image:
10-100+ frames per image

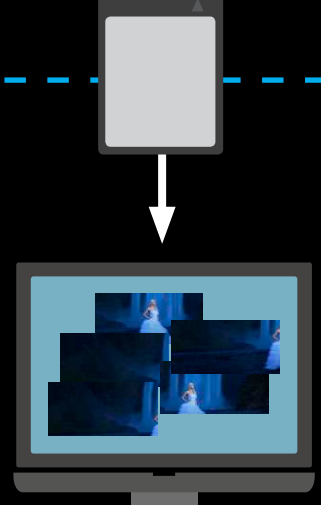
LENSES: 105 mm f/1.4
and 200 mm f/2.0 for high
aperture with very shallow
depth of field



RAW images

IN THE FIELD: fastest possible
duplication of original images to
highly portable drives. Also, Lucas
must review the collection ASAP
to ensure that no frames in the
"mosaic" are missing and that there
is sufficient image overlap.

PRIORITY: shorter copy and
review times mean more shooting
opportunities



up to 500 MB/s

2 x G-DRIVE™
mobile SSD



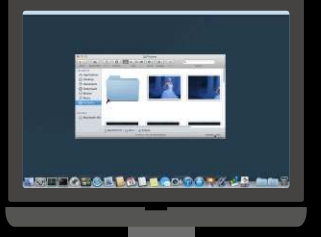
Copy A Copy B

2 TB/each storage

FILE REVIEW & MANAGEMENT

IN THE HOTEL: fast migration of
files into RAID-based storage

PRIORITIES: data protection
and zero-bottleneck
performance sufficient for
preliminary editing of the 70 GB
stitched and layered images



up to 2800 MB/s

G-SPEED™ Shuttle SSD



16 TB storage

16-BIT TIFFS

STITCHING SOFTWARE

BACK IN THE OFFICE:
Lucas ingests new content
into "live work" and "raw
server" storage, where all
of his current project files
reside and remain backed up

SIZES: With all layers, Lucas's
gigapixel images often reach
60-70 GB each.

PRIORITIES: RAID data
protection, exceptional (up
to 96 TB) capacity, ample
performance for all gigapixel
project still and video needs



up to 2000 MB/s

G-SPEED™ Shuttle XL with
Thunderbolt 3



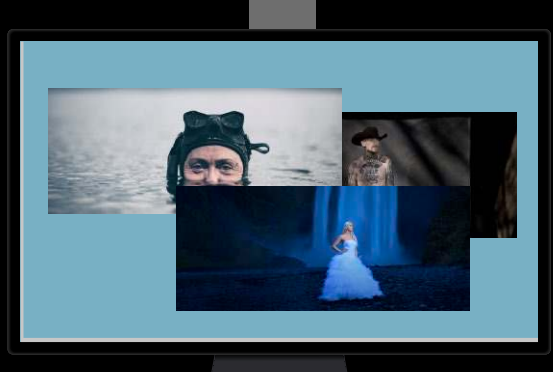
96 TB storage

16-BIT
PSB/60+ GB

DAISY-CHAINED THUNDERBOLT DATA SYNC

ALSO IN THE OFFICE:
Lucas backs up all live work
to another G-SPEED Shuttle
XL with synchronization
software

PRIORITIES: identical
RAID protection, identical
capacity, less need for
maximum performance



G-SPEED™ Shuttle XL with
Thunderbolt 3



96 TB storage

WORKFLOW TIME: From Capture to Print in 5 Weeks



200 in/508 cm

124 in/314.96 cm

600 dpi



WORKFLOW TIME WITH OLDER, SLOWER STORAGE: Unknown. Too long to be feasible.