

Panasonic



LUMIX GH5

GH5 TARGET USER CATEGORIES

Photo Enthusiasts

- Field photographers and photo journalists
- Sports photo, outdoors, nature and adventure
- Hybrid photographers venturing into filmmaking



Pro Videographers

- Digital cinema and narrative film (DCI 4K)
- Run & gun field documentary, troubled areas
- Nature and wildlife documentary, Netflix HDR





PHOTOS. VIDEOS.
Explore New Frontiers.

LUMIX GH5

PRO-XD
AZDEN

PRO-XD
AZDEN

Color checker chart with various colored squares and a grayscale strip.

GH5 FOR PROFESSIONALS

“The GH5 represents a complete overhaul of the LUMIX G system for the truly professionally working hybrid photographer.”

- 4K internal recording in 10bit 4:2:2 to SD-cards
- Dual SD-card slots with backup/relay/allocation
- Vastly improved User Interface and menu system
- Improved color science in both stills and video
- Optimized 5-axis & Dual I.S.2 image stabilizer
- Bluetooth assisted WiFi for cloud backup etc.
- High resolution WFM and Vector Scopes
- New semipro XML metadata included in MOV
- Rugged fullsize HDMI 2.0b output with clamp
- High end 96kHz/24bit audio recording w/ XLR1
- LUT View Assist, custom LUT-files for V-LogL
- 6K Photo for 18MP at 30fps continuous capture

NIGHT PHOTOGRAPHY



NATURE PHOTOGRAPHY



LANDSCAPE PHOTOGRAPHY



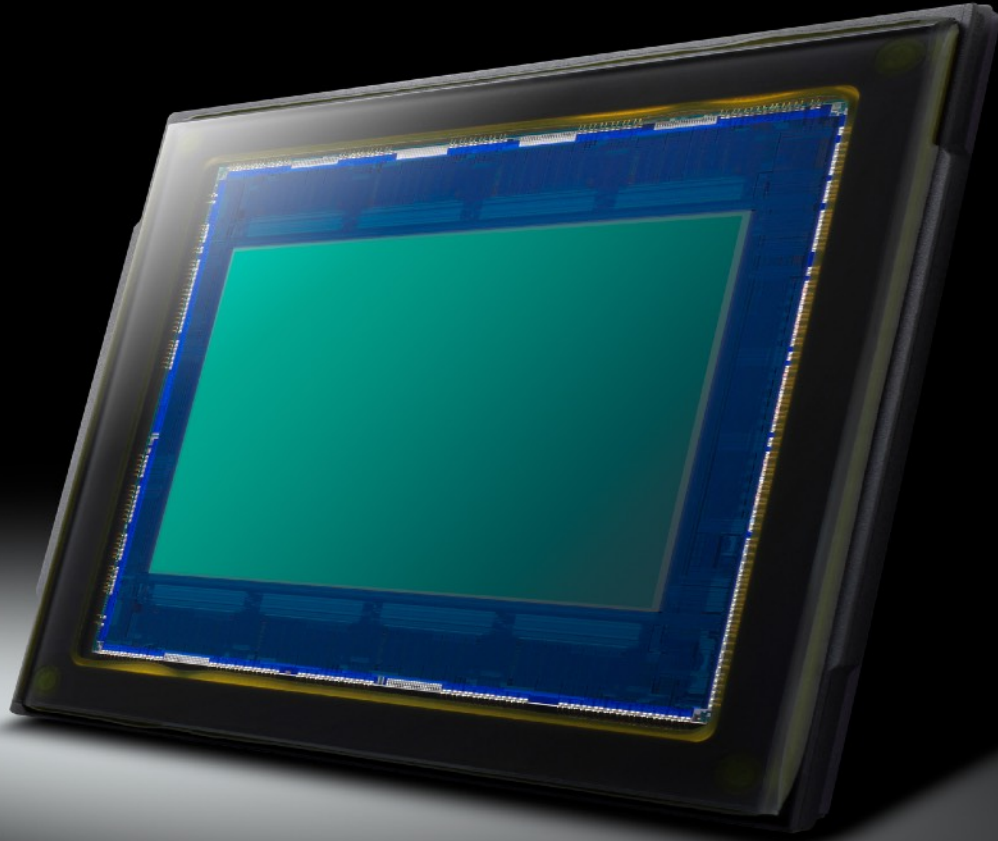
PRODUCT PHOTOGRAPHY



MACRO PHOTOGRAPHY

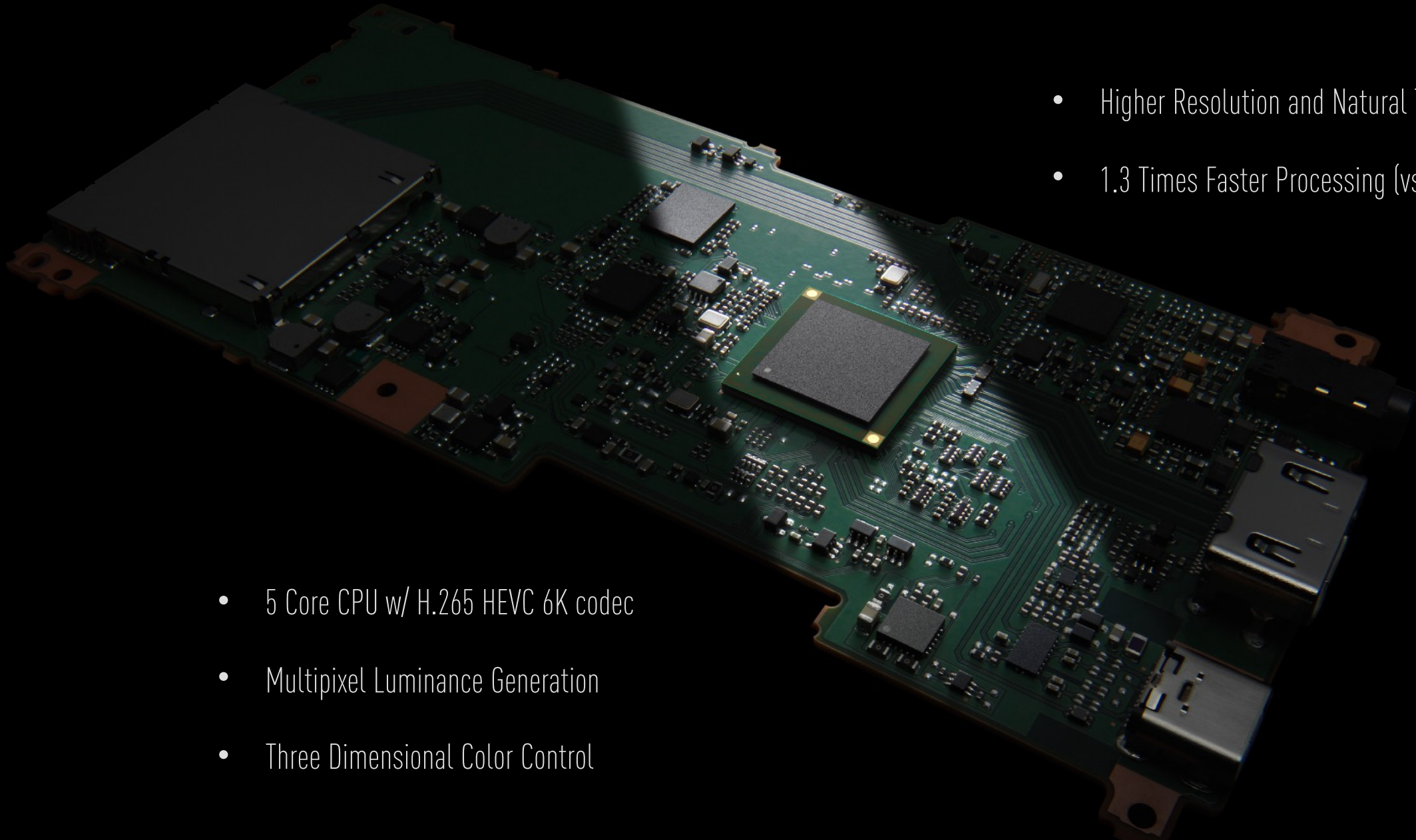


IMAGE SENSOR



- NEW Live MOS 20,3MP sensor
- w/o Low Pass Filter - improved IQ
- 1.66 Times Faster Readout (vs GH4)
- Suppressed Rolling Shutter (15ms)
- Full Readout in 4K 50/60p (no crop)

NEW VENUS ENGINE

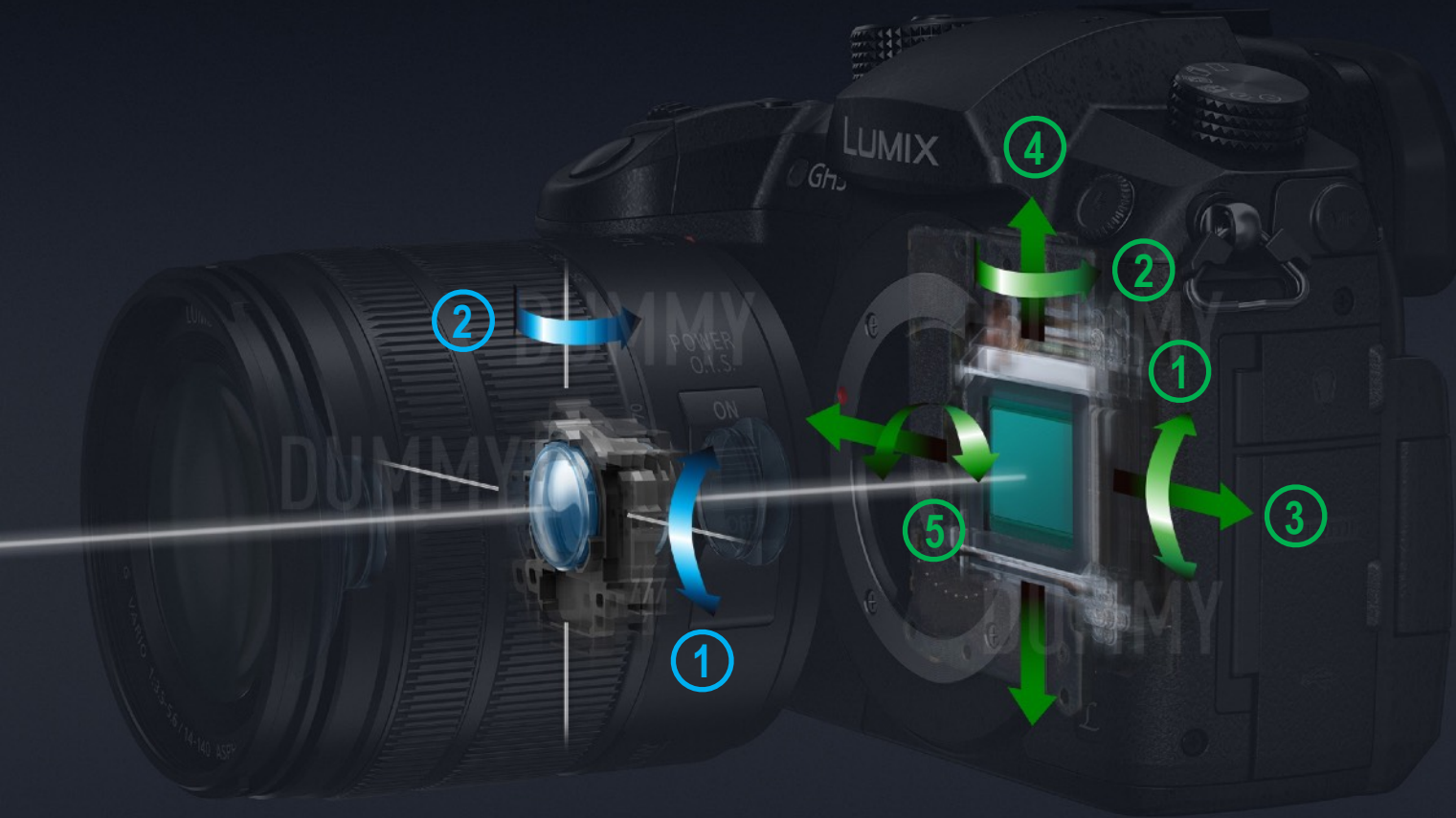


- 5 Core CPU w/ H.265 HEVC 6K codec
- Multipixel Luminance Generation
- Three Dimensional Color Control

- Higher Resolution and Natural Textures
- 1.3 Times Faster Processing (vs GH4)



5-AXIS DUAL I.S. 2



- Any lens will benefit from sensor 5-axis
- Stabilisation with any mode and lens
- Works with anamorphic & cine lenses
- Full line-up of LUMIX O.I.S. lenses
- With Dual I.S. and improved rolling shutter motorised gimbals not always necessary for handheld follow shots and slides



5-AXIS DUAL I.S. 2



HANDHELD PHOTOGRAPHY w/ 5-axis DUAL I.S.2





HANDHELD PHOTOGRAPHY w/ 5-axis DUAL I.S.2



HANDHELD CINEMATOGRAPHY w/ 5-axis DUAL I.S.2 - 400mm lens from moving car.



HANDHELD CINEMATOGRAPHY w/ 5-axis DUAL I.S.2 - 12mm lens.

6K PHOTO / 4K PHOTO

18MP/30fps & 8MP/60fps Unlimited Shooting



Approx. 9 times the pixel count of Full HD



FHD (Extracted) 2MP

8MP/60fps



18MP/30fps



4:3 (4,992 x 3,744 18.7MP) / 3:2 (5,184 x 3,456 17.9MP)

RAW vs. 6K Photo at extreme ISOs



RAW vs. 6K Photo at extreme ISOs



RAW 18MP at ISO 10.000 (Adobe ACR, best effort)

6K Photo 18MP at ISO 10.000

4K VIDEO RESOLUTION & 6K PHOTO





HD (1280 x 720)

FHD (1920 x 1080)

DCI 4K (4096 x 2160)

4K UHD (3840 x 2160)

4K VIDEO - LOW LIGHT PERFORMANCE



ISO 10.000

Panasonic

LUMIX GH5 - BETWEEN THE LINES

- V-LogL footage use same V-gamut color used in Panasonic's Varicam35 and LT
- 6K Photo is H.265/HEVC 10bit at >200Mb/s
- Unlimited recording even in 6K Photo
- 4K readout can be switched between full sensor width and native 4K (2,4x crop)
- CineLike D & V gamma now available also in 6K Photo and stills mode
- External HDMI monitor or TV can be used when selecting stills from 6K/4K Photo



CHANGING PHOTOGRAPHY

LUMIX G