

DSLR VIDEO FEATURES GUIDE

PROVIDING THE TOOLS FOR THE FILMMAKER'S TOOLBOX



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I AM IMAGES IN MOTION

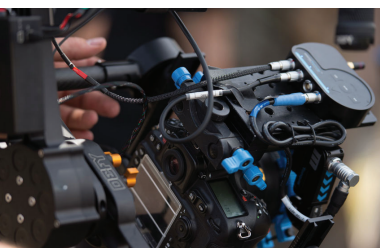


NIKON DSLR VIDEO FEATURES GUIDE

AT-A-GLANCE



| | D4S | D810 | D750 | D610 | D7200 | D7100 | D5500 | D5300 | D3300 | D3200 |
|---|-----|------|------|------|-------|-------|-------|-------|-------|-------|
| SENSOR SIZE | | | | | | | | | | |
| FX-format CMOS Sensor | ✓ | ✓ | ✓ | ✓ | - | - | - | - | - | - |
| DX-format CMOS Sensor | - | - | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| VIDEO FRAME RATES | | | | | | | | | | |
| 1920 x 1080 - 60/50p | ✓ | ✓ | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | - |
| 1920 x 1080 - 30/25/24p | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1920 x 1080 - 60/50i | - | - | - | - | - | ✓ | - | - | - | - |
| 1280 x 720 - 60/50p | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1280 x 720 - 30/25p | - | - | - | ✓ | - | - | - | - | - | - |
| FILE/OUTPUT | | | | | | | | | | |
| H.264/MPEG-4 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4:2:2 8-Bit Uncompressed Output Via HDMI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| EXPOSURE CONTROLS | | | | | | | | | | |
| Shutter Speed Adjustment During Recording | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Aperture Adjustment During Recording | ✓ | ✓ | ✓ | - | - | - | - | - | - | - |
| Aperture Adjustment Prior to Recording | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Manual ISO Adjustment | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Auto ISO Adjustment in Manual Mode | ✓ | ✓ | ✓ | - | ✓ | - | - | - | - | - |
| Top Video ISO: 25,600 | ✓ | - | - | - | ✓ | - | ✓ | - | - | - |
| Top Video ISO: 12,800 | - | ✓ | ✓ | - | - | - | - | ✓ | ✓ | - |
| Top Video ISO: 6,400 | - | - | - | ✓ | - | ✓ | - | - | - | ✓ |
| Power Aperture Control When Using External Recorder | ✓ | ✓ | ✓ | - | - | - | - | - | - | - |
| Power Aperture Control When Using Internal Memory Cards | - | ✓ | ✓ | - | - | - | - | - | - | - |
| Highlight Display for Exposure: Zebra Stripes | - | ✓ | ✓ | - | ✓ | - | - | - | - | - |
| CROP MODES | | | | | | | | | | |
| Multi-Area Mode FX/DX/2.7X | ✓ | - | - | - | - | - | - | - | - | - |
| Multi-Area Mode FX/DX | ✓ | ✓ | ✓ | ✓ | - | - | - | - | - | - |
| Multi-Area Mode DX/1.3X | - | - | - | - | ✓ | ✓ | - | - | - | - |
| DISPLAY/RECORD | | | | | | | | | | |
| HDMI for Simultaneous Live View: Optional External LCD Monitor and Camera LCD Monitor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| Simultaneous Recording: Memory Card (Compressed) and External Recorder (Uncompressed) | ✓ | ✓ | ✓ | - | - | - | - | - | - | - |
| TIME LAPSE - INTERVAL TIMER | | | | | | | | | | |
| In-Camera Time Lapse with Exposure Smoothing | ✓ | ✓ | ✓ | - | ✓ | - | - | - | - | - |
| In-Camera Time Lapse | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - | - |
| Interval Timer with Exposure Smoothing | ✓ | ✓ | ✓ | - | ✓ | - | ✓ | - | - | - |
| Interval Timer | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - |
| REMOTE CONTROL | | | | | | | | | | |
| Remote Start/Stop Video Recording w/optional accessory(s) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
| PICTURE CONTROL SYSTEM | | | | | | | | | | |
| In-Camera Custom Picture Control Setting | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Custom Tone Curves via Picture Control Utility | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| FLAT Picture Control Profile | - | ✓ | ✓ | - | ✓ | - | ✓ | - | - | - |





AUDIO FEATURES

| | D4S | D810 | D750 | D610 | D7200 | D7100 | D5500 | D5300 | D3300 | D3200 |
|--------------------------------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|
| Sound Adjustments Prior to Recording | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Sound Monitoring Using Headphones | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| Manual Audio Sensitivity Adjustment | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Peak Meters for Audio Adjustment | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 20 Audio Adjustment Steps | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Microphone Input | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Headphone Output | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |

MISC. VIDEO FUNCTIONS

| | D4S | D810 | D750 | D610 | D7200 | D7100 | D5500 | D5300 | D3300 | D3200 |
|---|-----|------|------|------|-------|-------|-------|-------|-------|-------|
| Select Destination for Video | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| In-Camera Edit Movie | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Special Effects Mode During Recording: Miniature, Selective Color and More | - | - | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | - |



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