

D7200 Settings & Menu

Bold texts are U1 saved settings for AP (airborne photographer) missions. These settings need adjusted by the AP for the mission requirements and existing conditions to achieve CAP AP standards.

Yellow hi-lighted settings are D7200 default settings.

Camera Body Controls

- Mode Dial: **Auto/P/S/A/M**
- Release Mode Dial: **S / C_L**
- Bracket Metering : Select Increment & Number of Shots
- Focus-mode Selector:
 - o **AF** - Autofocus for Lense with servo
 - o **MF** - Manual Focus for Lense w/o servo
- AF-mode Button: press and select: **AF-A/AF-S/AF-C**
- Lense AF/MF: **AF**
- Lense OS: **ON**
- Exposure Metering Selection: **Matrix**/Center/Spot
- Exposure Compensation: press and start with +/- **0**
- AE-L/AF-L – no setting
- Diopter Adjustment – adjust the view finder focus
- WB – press and select **Auto1** or **Cloudy/Direct Sun Light**, and +/-**0**
- QUAL – press and select image quality **FINE** and image size **L**
- ISO - press and select AUTO **ON**, and **100**
- **i** – quick listing of camera settings
- **info**- quick view of camera settings
- Focus Selector Lock – set to **L**
- Live View Selector (LV): select picture mode and press for live view on LCD

Playback Menu

- Delete: n/a
- Playback Folder: **D7200** or **ALL**
- Hide Image: no setting
- Playback Display Options:
 - o **Focus Point**
 - o **Highlights**
 - o **RGB Histogram**
 - o **Shooting Data**
 - o **Overview**
- Copy Images: no setting
- Image Review: **NO**
- After Delete: **Show Next**
- Rotate Tall: **OFF**
- Slide Show: **STILL/2sec**
- DPOF Print Order: no setting

Photo Shooting Menu

- Reset Photo Shooting Menu: no setting
- Storage Folder: **100D7200**
- File Name: **DSC**
- Data Card #2 Role: **Overflow**
- Image Quality: **JPEG FINE**

- Image Size: **L-large**
- Image Area: **DX(24x16)**
- JPEG Compression: **Optimal Quality**
- NEF (REW) Recording: **Lossless Compression / 14 bit**
- White Balance: **AUTO₁**/Direct Sunlight/Cloudy
- Set Picture Control: **SD - standard**
- Manage Picture Control: **Save/Edit & SD-standard**
- Color Space: **sRGB**
- Active D-Lighting: **AUTO**
- HDR (High Dynamic Range):
 - o Mode: **ON - series**
 - o HDR Strength: **AUTO**
- Vignette Control: **NORM**
- Auto Distortion Control: **OFF**
- Long Exposure NR: **OFF**
- High ISO NR: **NORM**
- ISO Sensitivity Settings:
 - o Sensitivity: **100**
 - o Hi ISO Command Dial: **ON**
 - o Auto ISO Sensitivity Control: **ON**
 - o Max Sensitivity: **800**
 - o Min Shutter Speed: **1/800**
- Remote Control Mode (ML-L3): **OFF**
- Multiple Exposure: **OFF**
- Interval Timer Shooting: **OFF**

Custom Setting Menu

- **Reset Custom Settings: NO**
- **a Autofocus**
 - o a1 AF-C (continuous-servo) Priority Selection: **Release**
 - o a2 AF-S (single-servo) Priority Selection: **Focus**
 - o a3 Focus Tracking with Track-on: **OFF**
 - o a4 AF Activation: **Shutter/AF-ON**
 - o a5 Focus Point Illumination:
 - AF mode: **AUTO**
 - MF mode: **ON**
 - o a6 Focus Point Wrap-around: **OFF - no wrap**
 - o a7 Number of Focus Points: **AF51**
 - o a8 Store Points by Orientation: **OFF - no**
 - o a9 Built-in AF-assist Illuminator: **ON**
- **b Metering/Exposure**
 - o b1 ISO Sensitivity Step Value: **1/3**
 - o b2 EV Steps for Exposure Control: **1/3**
 - o b3 Easy Exposure Compensation: **OFF**
 - o b4 Center-weighted Area: **8mm**
 - o b5 Fine-tune optimal Exposure: **NO**
- **c Timers/AE Lock**
 - o c1 Shutter-release Button AE-L: **ON**
 - o c2 Standby Timer: **6s**
 - o c3 Self-timer: change as needed
 - Self-timer: **10s**
 - Number of Shoots: **1**

- Interval Between Shoots: **0.5s**
 - o c4 Monitor Off Delay: change as needed
 - Playback: **10s**
 - Menus: **1m**
 - Information Display: **10s**
 - Image Review: **4s**
 - Live View: **10m**
 - o c5 Remote on Duration (ML-L3): **1m**
- **d Shooting/Display**
 - o d1 Beep: **1/Low**
 - o d2 Continuous Low-speed for C_L mode: **3 fps**
 - o d3 Max. Continuous Release: **100**
 - o d4 Exposure Delay Mode: **OFF**
 - o d5 Flash Warning: **ON**
 - o d6 File Number Sequence: **ON**
 - o d7 Viewfinder Grid Display: **OFF**
 - o d8 Easy ISO: **OFF**
 - o d9 Information Display: **AUTO**
 - o d10 LCD Illumination: **OFF**
 - o d11 MB-D15 Battery Type: **FR6**
 - o d12 Battery Order: **D7200**
- **e Bracketing/Flash**
 - o e1 Flash Sync Speed: **1/250s**
 - o e2 Flash Shutter Speed: **1/60s**
 - o e3 Flash Control for Built-in Flash: **TTL**
 - o e4 Exposure Comp for Flash: **Entire Frame**
 - o e5 Modeling Flash: **ON**
 - o e6 Auto Bracketing Set: **AE & FLASH**
 - o e7 Bracketing Order: **N for MRT>under>over**
- **f Controls**
 - o f1 Ok Button:
 - Shooting Mode: **RESET**
 - Playback Mode: **Thumbnail ON/OFF**
 - Live View: **RESET**
 - o f2 Assign Fn Button: **OFF**
 - o f3 Assign Preview Button: **PREVIEW**
 - o f4 Assign AE-L/AF-L Button: **AE/AF Lock**
 - o f5 Customize Command Dials: no selection
 - o f6 Release Button to Use Dial: **OFF-no**
 - o f7 Slot Empty Release Lock: **OK-Enable Release Lock**
 - o f8 Reverse Indicator: **-0+**
 - o f9 Assign Movie Record Button: **OFF - none**
 - o f10 Assign MB-D15 AE-L/AF-L Button: **AE/AF Lock**
 - o f11 Assign Remote(WR) Fn Button: **OFF - none**
- **g Movie** – Assign Movie Control Buttons: use as needed

Setup Menu

- Format Memory Card(s): select slot 1 or 2
- Save User Settings: select U1 or U2
- Reset User Settings: reset U1 or U2
- Monitor Brightness: **0** - adjust as needed
- Monitor Color Balance: **0** - adjust as needed

- Clean Image Sensor: as needed
- Lock Mirror Up for Cleaning: as needed
- Image Dust Off ref Photo: as needed
- Flicker Reduction: **Auto**
- Time Zone and Date: verify when GPS is available
 - o Time Zone: **UTC**
 - o Date and Time: **sync to GPS date/time**
 - o Date Format: **M/D/Y**
 - o Daylight Saving Time: **ON**
- Language: **English**
- Auto Image Rotation: **ON**
- Battery Info: shows level
- Image Comment: **OFF** use as needed
- Copyright Info: **OFF**
- Save/Load Settings: use as needed
- Virtual Horizon: use as needed
- Non-CPU Lens Data: use as needed
- AF Fine-Tune: use as needed
- HDMI: use as needed
 - o Output Resolution: **AUTO**
 - o Device Control: **ON**
 - o Advanced:
 - Output Range: **AUTO**
 - Output Display Size: **100%**
 - Live View Display: **ON**
 - Dual Monitor: **ON**
- Location Data:
 - o Standby Timer: **OFF/Disable**
 - o Position Data: verify when GPS is connected
 - o Set Clock from Satellite: **ON/Yes**
- Wi-Fi: **OFF/Disable**
- NFC: **OFF/Disable**
- Network: use as needed
- Conformity Marking: use as needed
- Firmware Version: view for version