

ZHS2478 Intrinsically Safe Digital Camera



Overview ZHS2478 intrinsically safe digital camera is mainly used for hazard accident investigation, forensics and daily geological cataloging. It can also be used for underground and ground image shooting, provide high resolution digital photographs. Features

Specification

Features

1. Anti-explosion design: Ex ib I Mb; It can be used in hazardous chemical environment and coal mine environment of area 1 and area 2.

Specification

1. Effective pixels: 24.2 million; Total pixels: 24.78 million
2. Image sensor: 23.5 * 15.6mm CMOS sensor
3. Lens : AF-S 18-55mm
4. Frame coverage: Approx. 95% horizontal and 95% vertical
5. Autofocus: autofocus sensor module with TTL phase detection, 39 focus points (including 9 cross-type sensor), and AF-assist illuminator (range approx. 0.5-3m)
6. Metering mode: TTL exposure metering using 2016-pixel RGB sensor
7. Image size(pixel): 6000*4000(L), 4496 * 3000 (M), 2992 * 2000 (S);
8. Operation frequency: 2412 to 2462 MHz (channel 1 to 11)
9. Video output: NTSC, PAL; audio recording format: Linear PCM
10. Monitor: 8cm/3.2-in. Approx. 1037k-dot (720 * 480 * 3= 1,036,800dots), approx. 100% frame coverage, and brightness adjustment
11. File system: Design Rule for Camera File System -DCF 2.0, DPOF -Digital Print Order Format, Exchangeable Image File Format for Digital Still Cameras – Exif2.3, PictBridge
12. File format: 12 or 14 bit, single photograph recorded in both NEF(RAW) and JPEG formats
13. ISO sensitivity: ISO 100 to 12800, in 1/3 EV. Can also be set to approx. 0.3, 0.7 or 1EV (ISO25600 equivalent) above ISO 12800; auto ISO sensitivity control available
14. Picture Control System: Standard, Neutral, Vivid, Monochrome, Portrait, Landscape; selected Picture Control can be modified; storage for custom Picture Controls
15. Release modes: (single frame), (continuous low speed), (continuous high speed), (quiet shutter release), (self-timer), (remote; ML-L3), interval timer photography supported
16. Communications protocols: IEEE 802.11b: DSSS/CCK , IEEE 802.11g: OFDM
17. USB: Hi-Speed USB
18. Playback: full-frame and thumbnail (4, 12, 80 image or calendar) playback with playback zoom, movie playback, photo and/or movie slide shows, histogram display, highlights, auto image rotation, picture rating and image comment (up to 36 characters)
19. Operation temperature: -20 Deg C--+45 Deg C
20. EX certification: Exib I Mb
21. Two pcs 500mAh parallel connection