

## 1.0 Manufacturer

MERIT LILIN ENT. CO. LTD  
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## 2.0 Description

Manufacturer shall warrant the DHD316A, DHD Series, to be free from defects in material and workmanship for two years from the installation date.

## 3.0 General Specifications

DHD shall support resolution of AHD 1080P / 720P and analog camera D1 / 960H.  
DHD shall support 1080P 480 / 400 FPS, 720P 480 / 400 FPS, 960H 480 / 400 FPS maximum frame rate.  
DHD shall support 1 / 4 / 9 / 13 / 16 split division, sequence mode, freeze at split screen.  
DHD shall support H.264 network video format.  
DHD shall support up to 5X on live and playback at digital zoom.  
DHD shall support AHD / Analog camera.

DHD shall support CIF - 1080P recording resolution.  
DHD shall support simulation HD / analog camera maximum recording frame rate of 1080P 240 / 200 FPS, 720P 480 / 400 FPS, 960H 480 / 400 FPS.  
DHD shall support continue, schedule, event recording.  
DHD shall support recording schedule with 4 schedule, 7day × 24 hours time table.

DHD shall support alarm event actions for adjustable motion area (100 level sensitivities) / system / video loss.  
DHD shall support IOS 、Android / E-Mail / FTP / Buzzer alarm notification recording.  
DHD shall support alarm event, operation and configuration log full reports exporting over HTTP or USB.

DHD shall support playback search for event / time / smart search.  
DHD shall support 16CH synchronous playback display.  
DHD shall support CIF - 1080P playback resolution feature for live monitoring and video playback.  
DHD shall support fast rewind 4× ~ 32× / fast forward 4× ~ 32× / step forward / slow motion 1/2 ~ 1/8 playback speed.

DHD shall support Internal HDD 2 × 3.5"HDD, each up to 6TB supported.  
DHD shall support S.M.A.R.T monitoring.  
DHD shall support recorded reserve time of 1~9999 hours adjustable.  
DHD shall support USB flash disk backup, up to 32 GB supported.  
DHD shall support network backup via HTTP.  
DHD shall support IE / Remote control software.  
DHD shall support 4 privacy mask each channel.

DHD shall support HDMI 4K, VGA 1080P, CVBS.  
DHD shall support audio input of 4 CH, RCA × 1.  
DHD shall support audio output of RCA × 1 (0.7Vp-p, 300 Hz to 3 KHz).

DHD shall provide network ports of RJ-45 Gigabit Ethernet × 1.  
DHD shall support direct internet browser access and multiple users access.  
DHD shall support TCP/IP, SMTP, HTTP, DHCP, PPPoE, NTP, DDNS protocols.  
DHD shall support PTZ protocol via RS-485 × 1, MLP1 、MLP2 、PELCO D 、PELCO P 、SAMSUNG 、LG-MULTIX.

DHD shall support IOS / Android.  
DHD shall support P2P of QR Code APP scan / UID connection (Need additional option).

DHD shall support CMS.

DHD shall provide user authentication with feature configurable.

DHD shall support Arabic / Bulgarian / Chinese (Simplified) / Chinese (Traditional) / Croatian / Czech / Dutch / English / French / German / Greek / Hebrew / Indonesian / Italian / Japanese / Korean / Latvia / Persian / Polski / Portuguese / Romanian / Russian / Spanish / Thai / Turkish / Vietnamese.

DHD shall support daylight saving / NTP.

DHD shall support IR remote controller (need additional option).

DHD shall support mouse click, drag and scroll.

DHD shall be compliant with CE certification.

DHD shall be compliant with FCC Class A certifications.

DHD shall provide CPU of ARM Cortex A9 Dual Core.

DHD shall provide OS of embedded Linux Kernel 3.10.

DHD shall support up the Coax AHD camera.

DHD shall provide WDT of hardware watchdog timer.

DHD shall provide power supply of DC 12V, 5A, 60W × 1.

DHD shall work within operating temperature of 0°C ~ 45°C.

DHD shall work within operating humidity of 5% ~ 80%.

DHD shall not exceed dimensions of 360 × 316 × 60 mm.

DHD shall not exceed weight of 3 kg without hard drive.

## **4.0 Installation**

All equipments shall be tested and configured based on the manufacturer guide line prior to installation

All the products shall be updated for the latest firmware.

All the products shall be changed for the default username and password prior to installation.

## **5.0 Environmental Green Policy**

The specified camera shall be manufactured in accordance with ISO 14001.

The specified camera shall be compliant with the EU directives RoHS and WEEE.

The specified camera shall be compliant with the EU regulation REACH.

END OF SECTION