



Features

- ※ 1/2.8" Sony Progressive Scan CMOS
- ※ 2.0 Megapixel, 30fps@1920 x 1080
- ※ 3.7mm Pinhole lens, 0.005lux, 140dB TWDR
- ※ Support ONVIF Profile S, FTP, RTSP, UPnP etc.
- ※ Support Dual - Stream, Mobile Surveillance, One Push, Heartbeat Mechanism, 3D-DNR, Defogging, D-WDR, Lens Correction, Corridor Monitoring etc.
- ※ Built-in Audio I/O, Alarm In, Alarm Out, RS485, RJ45, DC12V

Technical Specification

Model No. WS-HD112-B		
Hardware		
SOC		Hi3516D
Image Sensor		1/2.8" Sony Progressive Scan CMOS
Effective Pixels		1920(H) x 1080(V)
Interface		
Optical lens	Interface	Pinhole
	Iris	Fixed Iris
	Focal Length	3.7mm pinhole or 2.8/3.6 board lens
Audio Talkback		1 CH MIC, 3.5mm AV interace
Audio Output		1 CH speaker, 3.5mm AV interface
Network Interface	Lan	10/100M BASE-TX, RJ-45 connector
RS485		RS485 port optional
Alarm I/O		2ch alarm input, 1ch alarm output
Memory Slot		Support 64GB
Audio & Video encoding		
Video Compression		H.265/H.264/MJPEG. (H.265 encoding: Main Profile and H.264 encoding: High Profile/Main Profile/Baseline)
Resolution	Main Stream	1920*1080/1280*720; 1-30fps(Adjustable)
	Sub Stream	704*576/640*480/640*352/320*240;1-30fps(Adjustable)
Video Bitrate		30Kbps - 16Mbps, Support CBR/VBR
OSD Setting		Text overlay supported like title, time, date, week, bitrate and etc.
OSD Setting		OSD location is adjustable
Privacy Mask		4 configurable regions
Image Orientation		Image flip and mirror
Auto Image Control Function		Auto Exposure Control(AEC); Auto White Balance(AWB); Auto Gain Control(AGC)
Image Controls		Saturation, Brightness, Contrast, Sharpness, Hue, Gamma, D-WDR
Others		Anti Fogging/Anti Trembling/IR Detection/IRIS/LSC
Audio Compression		G.711A/G.711U/G.726
Two way Audio		Support
Data transmission and storage		
Data Storage		Video and Image
Recording		Auto recording and manual recording (motion & sensor alarm recording, scheduled recording)
Alarm Output		FTP, E-mail
Network protocol		TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UPNP
Wireless protocols		-----
ONVIF protocols		Onvif 2.2, PROFILE S
Remote View	PC	IE 6.0 Above, firefox.google etc.
	Mobile Phone	-----
	Max User Access	5 users
General Parameters		
Environmental Casing		Zinc alloy, indoor useAluminum Alloy Housing, Indoor Applicable
Installation		Ceiling Mounted & Wall Mounted
Operatint Temperature		-10°C - +50°C
Operatint Temperature		0% -85% RH
Power supplier		DC12V ± 10%
POE		-----
Power Consumption		<3.5W
Dimension		43mm x 31mm x 29mm
Weight		175g
***Product specification are subject to change without notice ***		