

# 1/2" High Sensitivity Camera

## HDC-HS128M1080



2MP 12x AF Hybrid(Network+HD-SDI) Box Camera

**HD-SDI**

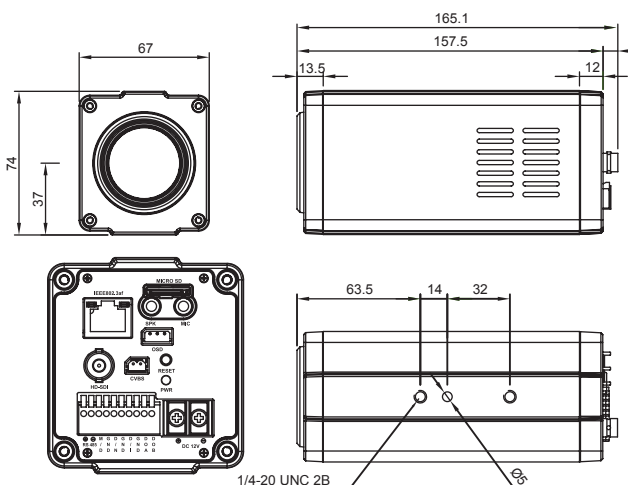


### Features

- 1/2" 2MP Sony CMOS sensor
- NETWORK, HD-SDI, CVBS
- 12x Optical Zoom(7mm~84mm) & 32x Digital Zoom
- Real-time True WDR
- Digital Noise Reduction(2D+3D)
- Digital Slow Shutter
- Digital Image Stabilization
- Privacy Mask Function
- High Light Compensation
- Defog Function
- ACE(Digital WDR)
- Motion Detection
- Protocol(VISCA, Pelco-D, Pelco-P)
- IPv4, IPv6 Support
- H.265, H.264, MJPEG video compression
- Less than 200ms latency with 2MP video streaming
- Edge storage up to 64GB
- Bi-directional audio support

### Dimensions

Unit : mm



MODEL		HDC-HS128M1080		
<b>CAMERA</b>				
Image Sensor	1/2" Sony CMOS Sensor			
Total Pixels	1952(H) x 1241(V) = 2.42M Pixels			
Active Pixels	1937(H) x 1097 (V) = 2.12M Pixels			
Video Format	1080p@30/25fps, 720p@60/50fps, 720p@30/25fps			
Min. Illumination	Color	0.15 lux / DSS 0.0375 lux		
	BW	0.01lux / DSS 0.002 lux		
S/N Ratio	more than 50dB (AGC off)			
Video Output	NETWORK, HD-SDI, CVBS			
<b>LENS</b>		12x		
Lens Type	12x Day & Night Zoom Lens			
Zoom Ratio	Optical 12x, Digital 32x Zoom			
Focal Length	f = 7.0mm ~ 84mm			
Aperture Ratio	F1.5 (wide) ~ F1.9 (tele)			
Angle Of View (D, H, V)	WIDE	60.70°	54.07°	32.03°
	TELE	5.72°	4.98°	2.80°
<b>CAMERA FUNCTIONS</b>				
Camera Title	ID / Title / Zoom Ratio / System Message			
Day & Night	Auto / Day / Night / Ext-in			
WDR/BLC	Off / WDR / BLC / HLC			
ACE	Off / Low / Middle / High			
DNR	Auto / Off / Low / Middle / High			
Defog	Off / On(Auto / Manual)			
Image Stabilization	Off / On			
Motion Detection	Off / On (3 positions)			
Privacy Mask	Off / On (24 positions)			
Digital Slow Shutter	Off /x2 /x4			
Gain Control	Off / On			
White Balance	Auto / One Push / Manual / Indoor / Outdoor			
Shutter Speed	1/30(25) ~ 1/30,000 sec			
E.Zoom	Off / x2 ~ x32			
Digital Flip	Off / H / V / H&V			
<b>NETWORK</b>				
Ethernet	RJ-45 (10/100BASE-T)			
Video Compression	H.265, H.264, MJPEG			
Resolution	1920x1080, 1280x720, 1024x576, 640x360, D1, 4CIF, VGA, CIF, QVGA			
bit rate	32Kbps~8Mbps (CBR/VBR Support)			
Max. frame rate	30fps@1920x1080			
Streaming Capability	Supports up to Triple streams			
Audio In / Out	Mic In / Audio Out			
Audio Compression	G.711			
Audio Communication	Bi-directional audio			
Protocol	TCP, UDP, IP, HTTP, DHCP, DNS, ICMP, ARP, IPv4 / IPv6, DDNS, NTP, SNMP, Syslog, UPnP, Bonjour, ZeroConf, RTP/RTSP, Onvif, Genetec Protocol			
Storage	SDXC (up to 64GB, MicroSD)			
Security	MD5 Password / iptables (firewall) / SSL			
Webpage Language	Korean, English			
Web Viewer	IE8.0 or above, Microsoft Edge, Firefox, Google Chrome, Apple Safari			
<b>GENERAL</b>				
Power Source	DC12V±10% / POE 802.3af			
Power Consumption	Max 500mA			
Operating Temperature	-10°C ~ +50°C / 0% ~ 90% RH			
Dimensions	67(W) x 74(H) x 165(D) mm			
Weight	0.74Kg			