

MN2S Specification

SERIES NO.	MN2S / 1.3MEGA HD-SDI/CVBS CAMERA
IMAGE SENSOR	1/3" MEGAPIXEL CMOS WDR SENSOR (ROLLING SHUTTER)
CCD TOTAL PIXELS	1280(H) X 1024(V) APPROX. 1.3M PIXEL
EFFECTIVE PIXELS	1280(H) X720(V)
SCANNING SYSTEM	PROGRESSIVE SCAN
SYNC SYSTEM	INTERNAL
MINIMUM ILLUMINATION	0.05 LUX @ AGC ON /SENS-UP OFF/ F1.2
RESOLUTION	OVER 800 TV-LINE
ICR-SET CONTROL	AUTO, EXT-VONTROL
GAIN CONTROL	AUTO
EXPOSURE CONTROL	AUTO, MANUAL, IRIS PRIORITY
S / N RATIO	48DB (TYP) (GAMMA, APERTURE, AGC OFF)
AUTO IRIS	AES / ALC-DC LENS
VIDEO FORMATOUT	720P 50/60HZ
DNR CONTROL	OFF/LOW/MIDDLE/HIGH
DIGITAL VIDEO OUT(HDV)	AVAILABLE HD INTERFACE <ul style="list-style-type: none"> ● HD-SDI- LVDS&YUV:422------(PS:MOUDLE TYPE ONLY) ● HD-SDI ● HD-SDI (C-LINK-HD VIDEO, CTRL, & POWER ARE OVER SAME CABLE) ● HD-SDI WITH LC SFP FIBER OUT-----
ANALOG VIDEO OUT	CVBS
GAMMA CORRECTION	0.45 / 0.5 / 0.55 / 0.6 / 0.65
DIGITAL ZOOM	1.0~8.0
PROTOCOL	RS-485(OPTIONAL FUNCTION)
FUNCTION	BRIGHTNESS/SENS-UP/LEVEL(HLC)/BLC/WDR/AUTO/AUTO ECT./XDR/SHADING/PRIVACY/MOTION/SD-CBCR/HD-CBCR/YUV
OPERATION TEMPERATURE	-20℃ TO 50℃
OPERATIONAL HUMIDITY	WITHIN 85% RH
POWER SUPPLY	DC12V±1V / 200MA

Caution for Installation:

1. Avoid places where there is direct sunlight. When using the camera outside.
2. Be careful, never let any water in this equipment.
3. Do not directly touch the Sensor device. If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
4. When the camera installs in dust or wet environment, please puts into the camera housing.
5. Be extra careful not to shake the camera.
6. Avoid places where temperatures exceed 50 °C or more.
7. Be extra careful not to mistake plug in connect.
8. The camera are only operated with regulative adaptor DC 12V, AC to DC non-regulative adaptor may cause camera damaged.

Family product line up:

For HD-SDI repeater application:

Model name: MHD-61S2S-P, allows extending HD-SDI transmission distance, built-in

Power and Ctrl signal are via coaxial cable

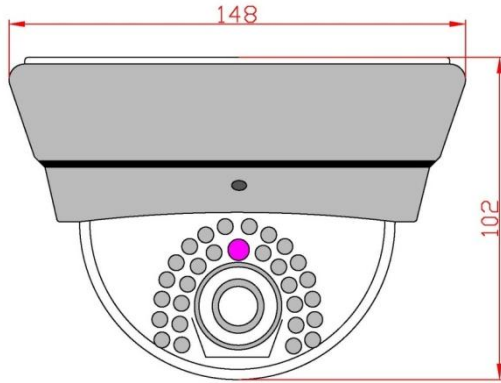
For converter application:

Model name: MHD-61S2SH, converts HD-SDI signal to HDVI (Hi-definition multimedia interface)

※The specifications and appearance of the product may change without notice.

MN2S Dome

Dimension (Unit : mm / ±0.3mm)



DOME Name : WD6

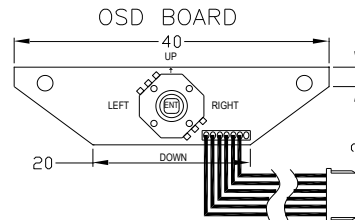
Dimension : 148mm x 102 mm

Color: white

Material: Die-Cast Al-alloy

OSD control key Joy-stick

- **Up/Down/Left/Right/Middle(enter)**



Connector:

- **BNC type:HD-SDI video out**
- **RCA:CVBS video out**
- **Jack:DC power 12V**
- **2wires:IR-Cut filter –External control / IWith LED type**



Item No.MHD-83MN2S-DIRVF-WD6-LED

- HD-SDI & CVBS Video out
- Power: DC 12V/ 450 mA (Max)
- Mechanical Day/ Night (color to monochrome)
- MAGA PIXEL LENS(Mount type)
- IR-Cut Removable
- OSD control
- ICR-SET control by AGC
- IR-illuminator:
 - 30pcs LED with Auto dimming
 - IR angle/Distance:60°/40 meter (Approx.)
- Features : MN2 common functions

MN2S OSD Infrastructure (Index)

OSD Main Menu	functions	Parameter/content		
LENS	ALC	INDOOR/OUTDOOR/DEBLUR	Remark	
	AES	NOIRMAL / DEBLUR		
EXPOSURE	BRIGHTNESS	----- ----- 10		
	FREQ	50Hz/60Hz		
	SHUTTER	AUTO_1/30(25)		MANUAL_1/30(25) 、 1/60(50) 、 1/120(100) 、 1/240 、 1/500 、 1/1000 、 1/2000 、 1/4000 、 1/8000 、 1/16000 、 1/30000 、 1/60000
		SENS-UP		
	AGC	----- ----- 10		
BACKLIGHT	OFF			
	ECLIPSE	----- ----- 10		
	BLC	H/V-POS 5 (0~20)		H/V-SIZE 5 (0~20)
DAY&NIGHT	MODE	AUTO/COLOR/B&W/EXTERN		
	ANTI-SAT.	----- ----- 10		
	AGC THRES	----- ----- 10		
	AGC MARGIN	----- ----- 10		
	DELAY	LOW/MIDDLE/HIGH		
WHITE BAL	AUTO			
	ATW EXT.			
	PRESET	one-pushing		
	MANUA	R-GAIN ----- ----- 10		B-GAIN ----- ----- 10
DNR	HIGHT/MIDDLE/LOW/OFF			
IMAGE	SHARPNESS	----- ----- 10		
	GAMMA	0.45/0.5/0.55/0.6/0.65		
	COLOR GAIN	----- ----- 10		
	MIRROR	ON/OFF		
	FLIP	ON/OFF		
	XDR	OFF/LOW/MIDDLE/HIGH		
	CROSS LINE	ON / OFF		
	FREEZE	ON / OFF		
COLORBAR	ON / OFF			

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Model No.MN2S VER 3.0

D-Zoom	1.0x~8.0x		
SYSTEM	COMMUNICATION	CAM ID 1~255	
		BAUDRATE 2400/4800/9600/57600/115200	
	IMAGE RANGE	FULL/COMP	
	COLOR SPACE	SD-CbCr/HD-CbCr/YUV	
	CVBS	NTSC/PAL	
	LANGUAGE	ENG/CHN/CHN(S)/JPN	
	RESET	ON(Push)	