



# 4IN1SYSTEM

AHD TVI CVI ANALOG SUPPORT

## HA-304VR20



**FHD** Camera

# HA-304VR20

## Specification



## Features

- FULL HD Video Output
- 4in1 AHD TVI CVI Analog
- 3pcs Array LED
- CDS Auto Control in Low Lux
- ESD surge protection
- Day & Night
- Lens 1.7mm.Fisheye lens/F2.0
- OSD and UTC Menu

Model	HA-304VR20
Image Sensor	1/2.9" CMOS image sensor Progressive Scan
Resolution	1080P (4-in-1, AHD/TVI/CVI/CVBS)
Total Pixels	PAL:1920x1080P
Scanning Frequency	PAL: 15.625Khz (H), 50Hz (V)
Scanning System	2:1 interlace
S/N Ratio	More than 52dB. (AGC off)
Min. Illumination	0.01 lux
Sync. System	Synchronization
Electric Shutter	Auto: PAL 1/50-1/100,000Sec
Gamma	Y = 0.45
Video Output	1.0 Vp-p Composite (75Ω)
Video Format	PAL/NTSC
AGC	Auto
D-WDR	Support
SENS-UP	Support
DEFOG	Support
Backlight Control	BLC,
ATW	Support
NR	Support 2D-DNR
Cam Title	Support
D-Effect	Support
Motion	Support
LSC	Support
Image adjust	Sharpness, Color
Day Night	Support IR CUT
Lens	3MP. 1.7mm. Fisheye lens /F2.0
IR LED	3 Pcs. (Array IR LED 30 Meter)
IR Distance	30 Meters when IR on
IR LED Operating	On (1 lux) / Off (3 lux)
Led life	More than 10,000 hours
Power Requirement	DC12V (+-10%)
Power Consumption	IR on: 560 mA., IR off 70 mA.
Cable	BNC
Surge Protection	ESD surge protection up to 5000Volt power supply
OSD menu	Support COC OSD cable with auto close function
Operation Temp	-10C~+50C RH95 MAX
Storage Temp	-20C~+60C RH95 MAX
Dimension	154x154x44mm
Weight	0.3Kg.