



## SPECIFICATIONS

CAMERA	
Resolution	1080P FULL HD-SDI
Sensor	1/2.7" Progressive Scan CMOS
Image Sensor	2 megapixel
Effective Pixels	1080P
Progressive Scanning	Yes
Lens	Optical Magnification : 20X, Focal Distance: 4.3±5%~84.6±5%mm
Focus	Auto, Manual
Infrared Cut	Auto, Manual
Automatic Gain Control	Auto, Manual
Iris	Auto, Manual
Back Light Compensation	Auto, Manual
White Balance	Auto, Manual
Video Output	(Y: 8bit, C: 8bit, HSYNC, VSYNC, DCLK)
Video Format	720P/30 - 1080P/30
Camera Module Control Interface	Sony VISCA(Signal level 3.3V), baud rate: 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s stop bit: 1Hitachi Command(Signal level 3.3V), baud rate: 4.8Kb/s, 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s, 57.6Kb/s stop bit: 1
DOME	
View of Angle	D : WIDE 68.5°±5% TELE 4.2°±5% H : WIDE 54.8°±5% TELE 3.4°±5% V : WIDE 41°±5% TELE 2.5°±5%
Housing	Metal body construction-ABS lower unit
Weatherproof rating	IP66
Pan range	360° Infinite Continuous Rotation
Tilt range	0°~93° Auto Flip 180°
Manual Tilt speed	0.02~160°/S
Preset Points	220
Pattern Scan	4 pcs
Guard Tours	4 groups
Guard Points	Max.16 points, dwell time user selectable
Operating Temperature	Indoor: 0°~ +40° Outdoor: -40°~ +60°
Power	AC24V ≤3A

## KEY BENEFITS

- Digital 1080p high definition over coax
- 20X optical zoom with auto focus
- 300° per second max speed
- Transient voltage protection 6000V
- Mechanical IR cut filter
- Digital Defog

Designed with high quality in mind, the HDS20 is perfect for industrial applications where image adjusting is vital. Dual scan true wide dynamic range allows for the best picture in a number of bright lighting condition. The high power infrared system is crucial for capturing images on a pitch black night. **A high-end chipset makes all the difference, don't be fooled by cheap look-alikes.**

- Intelligent IR Illumination
- SMART pattern recording
- Full OSD Menu

## SPECIFICATIONS

Function Parameters	
Operation Menu	Multiple Languages for OSD menu, English, Spanish etc
Pan and Tilt position display	Support
IR Parameters	
Pulse Width Modulation	Yes
Support ambient light detection	IR illumination on 1-15 grades selectable
Number of 20 lamps	10pcs,42Mil
Infrared Distance	150m (450 feet)
Flashlight	No White light , Infrared model
Weight and Dimensions	
Weight	5~7kg 11 lbs
Height & Width	337mm x 331mm 13.25in x 13in

## Additional OSD Options:

Exposure-wb-manual-special-cam-tilt-motion-privacy-park-line-image-adj-comm-adj-language-area-state-height-width-mirror-font-contrast-sharpness