



## 2MP AHD Multi-Directional Camera

HCM-9020VQ

SKU: 14055    UPC: 8801090000000

The HCM-9020VQ from Samsung is a HD+ multi-sensor camera, 4 X 2MP @ 30 fps on each sensor, True WDR (100dB), 2 Lenses @ 4mm (80°) and 2 lenses @ 6mm (52°), HLC, Flexibility on lens positioning by using magnetic mounting, can transmit for up to 1640 feet of coax cable (Need 4 coaxial cables and 4 ports on the DVR), 12VDC/24VAC, IP66, IK10.

### Features

Full HD(1920x1080, 30fps) resolution  
0.1Lux@F2.6(Color), 0.01Lux@F2.6(B/W)  
Day & Night(ICR), WDR(100dB)  
Motion detection  
Video transmission distance max. 500m  
Easy installation, RS-485  
IP66, IK10

Video Imaging Device 1/3" 2M CMOS sensor x 4 Total Pixels 1,956(H) x 1,266(V) X 4ea pixels Effective Pixels 1,944(H) x 1,092(V) X 4ea pixels Scanning System Progressive Scan Min. Illumination Color : 0.1Lux (4mm, F2.6) / 0.01Lux (6mm, F2.0), B/W : 0.01Lux (4mm, F2.6) / 0.01Lux (6mm, F2.0) S / N Ratio 55dB (AGC off, Weight on) Video Out CVBS : 1.0Vpp / 75 $\Omega$  composite Resolution 1920 x 1080 Max, Framerate 30fps @1080p, 30fps@ 720p Lens Type Focal Length (Zoom Ratio) 4mm x 2, 6mm x2 Max. Aperture Ratio F2.6(4mm), F2.0(6mm) Angular Field of View [4mm] H : 80.20 $^{\circ}$  / V : 43.50 $^{\circ}$  / D : 95.24 $^{\circ}$  [6mm] H : 51.66 $^{\circ}$  / V : 30.46 $^{\circ}$  / D : 60.78 $^{\circ}$  Min. Object Distance 0.5m (1.64ft) Focus Control Fixed Lens / Mount Type Fixed / Board-in type Pan / Tilt / Rotate Pan / Tilt / Rotate Range Tilt : 0 $^{\circ}$ (Center), 20 $^{\circ}$ ~ 60 $^{\circ}$ (Side) / Rotate : 355 $^{\circ}$  Operational On Screen Display Multi-language Support(16) English, Japanese, Spanish, French, Portuguese, Korean, German, Italian, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish \*OSD control via coaxial Camera Title OFF / ON (Displayed 8 characters) Day & Night Auto (ICR) / Color / B/W Backlight Compensation OFF / HLC / BLC / WDR Wide Dynamic Range 100dB Digital Noise Reduction Off / Low / Middle / High Defog AUTO / MANUAL / OFF Motion Detection OFF / ON (4 ea x 4CH) Privacy Masking OFF / ON (16ea) X 4CH Gain Control 1 ~ 10 White Balance ATW / AUTO-EX / PRESET / MANUAL Electronic Shutter Speed 1/30(1/25)-1/30,000 sec Digital Zoom x16 Flip / Mirror Off / On Alarm Out 4 Remote control interface Coaxial ( Pelco-C ) / RS485 ( 9600bps / Pelco-D ) Protocol Pelco-C ( Coaxitron ) / Pelco-D ( RS485 ) Video Transmission Distance 500m(75-5 Coaxial Cable) Environmental Operating Temperature / Humidity -30 $^{\circ}$ C ~ +50 $^{\circ}$ C (-4 $^{\circ}$ F ~ +122 $^{\circ}$ F) / Less than 90% RH, \* Start up should be done at above -10 $^{\circ}$ C Ingress Protection IP66 Vandal Resistance IK10 Electrical Input Voltage/Current 12VDC, 24VAC Power Consumption DC12V : 6.7W (MAX\_TDN ON), AC24V : 7.3W (MAX\_TDN ON) Mechanical Color / Material Ivory/Metal Dimension (WxHxD)  $\Phi$ 199 x 89.5mm ( $\Phi$ 7.83" x 3.52") Weight 2Kg (4.4 lb)