



C1080PT-Z20



FEATURES

1/3" 2M CMOS progressive image sensor 20x Optical Zoom (4.7~94mm) and 10x Digital Zoom
Outdoor HD-SDI PTZ Camera

- HD-SDI x20 Speed Dome Camera
- 20x Optical Zoom (4.7~94mm) and 10x Digital Zoom
- 1/3" 2M CMOS progressive image sensor
- HD-SDI 1080p or 720p Video Output
- WDR(Wide Dynamic Range) Function
- 3DNR(Digital Noise Reduction) Function
- Adaptive Pan & Tilt speed to Zoom ratio
- Lightning Speed : Max. 360°/sec
- Smooth Manual Speed : Min. 0.05°/sec
- Endless 360° Pan Rotation
- True Day&Night with IR-cut filter removable
- Dustproof / Waterproof (IP66)
- Diverse Functions
- 255 Preset positions with Alphanumeric Labels
- 4 Pattern, 8 Scan and 8 Group Functions
- 8 Privacy zones (Spherical Coordinates)
- Power-up Action
- 8 Alarm input, 4 Relay output
- Vandalproof

Specifications	
Model Number	C1080PT-Z20
Sensor Type	1/2.8" 2Megapixel CMOS

Specifications	
Total Pixels	1920(H) x 1080(V) = 2.1M pixels
Scanning System	Progressive Scan
Min Illumination B/W	0.3Lux@50IRE, F1.6, 0.095Lux(DSS On)
Min Illumination Color	1.7Lux@50IRE, F1.7, 0.5Lux(DSS On)
Lens Zoom	x20 Optical zoom & x10 Digital zoom
Lens Angle of View	H:55.4°(W) ~ 2.9°(T)
Lens Focal length	F=4.7 ~ 94mm
Video Output	1(BNC 1.0 Vp-p, 75Ω)
Video Output HD-SDI	SMPTE 292M compatible
Distance	Approx. 200m(650 ft.) of RG6, 150m(490 ft.) of RG59
Day&Night	Auto/Day/Night(ICR)
Focus	Auto/Manual
Exposure Mode	Full Auto/Shutter/Iris/Bright/Manual
White Balance	Auto/Indoor/Outdoor/One Push/Manual
AGC	Auto/Manual(16 steps)
WDR	Auto/Off
Pan/Tilt Range	Pan:360°(Endless), Tilt:0°~180°
Pan/Tilt Pan/Tilt Speed	Preset(360°/sec), Manual(0.05°~360°/sec)
Pan/Tilt Preset	255 presets
Pan/Tilt Pattern	4 Patterns
Pan/Tilt Scan	8 Scans
Pan/Tilt Group	8 Groups
Pan/Tilt Other functions	Power-up Action & etc.
Communication	RS-485
RS-485 Protocol	Auto(Pelco-D, Pelco-P, Samsung-E can be supported automatically)
Power Consumption	AC 24V
Dimension	Dome(ø) : 146mm, Housing(øxH) : 259x266mm
Weight	Net : 6Kg, Package : 11Kg
Operation Temp.	-40 °C ~ 50 °C / 10% RH ~ 80% RH
Certifications	FCC, CE, RoHS, IP66