



المعايير الفنية المرجعية لمكونات المدينة الذكية

بأمانة العاصمة المقدسة

((المكون الأول))

كاميرات المراقبة



صفحة وحدة مدينتي ذكية

<http://www.holymakkah.gov.sa/mundepts/SmartCity>

البريد الإلكتروني لوحدة مدينتي ذكية

smartcity@holymakkah.gov.sa

المعايير الفنية لكاميرات المراقبة الخارجية المتحركة

المواصفات

PTZ Camera

Image Sensor	1/3" CMOS
Effective Pixels	2592(H) x 1520(V), 4 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/3s~1/30,000s NTSC: 1/4s~1/30,000s
Minimum Illumination	Color: 0.05Lux@F1.6; 0Lux@F1.6 (IR on)
S/N Ratio	More than 55dB
IR Distance	Distance up to 100m (328ft)
IR On/Off Control	Auto/Manual
IR LEDs	4

Lens

Focal Length	4.5mm~135mm
Max. Aperture	F1.6 ~ F4.4
Angle of View	H: 60° ~ 2.2°
Optical Zoom	30x
Focus Control	Auto/Manual
Close Focus Distance	100mm~ 1000mm

DORI Distance

Detect	Observe	Recognize	Identify
2700m(8858ft)	1080m(3543ft)	540m(1772ft)	270m(886ft)

PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Presets	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
Speed Setup	Human-oriented focal Length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)

Video	
Resolution	4M(2592x1520) / 1080P(1920x1080) / 720P(1280x720)
Frame Rate	25/30fps@4M/1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output/ CVBS standard definition video output (switchable)
Day/Night	Auto(ICR) / Color / B/W
OSD Menu	Support
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto,ATW,Indoor,Outdoor,Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Certifications	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2, No.60950-1
Interface	
Video Interface	1
Audio Interface	1 channel in
RS485	1
Alarm I/O	2/1
Electrical	
Power Supply	AC24V/3A(±10%)
Power Consumption	13W,23W (IR on)
Environmental	
Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ186(mm) x 309(mm)