



AI View Proprietary and Confidential. © 2020 AI View. All Rights Reserved. The term "AI View" refers to AI View Limited

AI SECURITY CAMERA C-SERIES DATASHEET

made with
Qualcomm
Technologies

CAMERA

CPU & MEMORY

IMAGE SENSOR

RESOLUTION & FRAME RATE

AI FUNCTION

APPLICATION



AI VIEW-C100:
Camera Bullet
Full HD, wide angle, fixed
focal, fixed focus

APQ8053
8GB+1GB

1/2.8" - Sony

FHD 2MP at 30 fps

Face recognition
People counting
Motion detection
Security

Supervision Office
Mall
School
Smart Parking
Outdoor/Indoor
Wide-angle
Monitoring



AI VIEW-C110:
Camera Bullet
Full HD, wide angle, large
aperture, fixed focus

APQ8053
8GB+1GB

1/2.8" - Sony

FHD 2MP at 30 fps

Face recognition
People counting
Motion detection
Security

Supervision Office
Mall
School
Smart Parking
Outdoor/Indoor
Wide-angle
Monitoring



AI VIEW-C300:
Camera dome
Full HD, wide angle, fixed
focal, fixed focus

APQ8053
8GB+1GB

1/2.8" - Sony

FHD 2MP at 30 fps

Face recognition
People counting
Motion detection
Security

Supervision Office
Mall
School
Smart Parking
Outdoor/Indoor
Wide-angle
Monitoring



AI VIEW-C310:
Camera Dome
Full HD, wide angle, large
aperture, Fixed focus

APQ8053
8GB+1GB

1/2.8" - Sony

FHD 2MP at 30 fps

Face recognition
People counting
Motion detection
Security

Supervision Office
Mall
School
Smart Parking
Outdoor/Indoor
Wide-angle
Monitoring



FULLHD BULLET C100

AI Security Camera



FHD 2MP AT 30 FPS



-10°C ~ +60°C (14°F TO 144°F)



OPTIMIZED IR WITH 20 M (65 FT) RANGE



WIDE ANGLE, FIXED FOCAL

C100 Bullet type, 2 MP video with Wide angle, fixed focal.

C100 Network Camera is an all-integrated camera delivering 2 megapixel resolution and wide angle for easy and flexible installation at any distance as well as detailed video for identification. With a wide temperature range, impact resistance, this reliable camera is ready for tough environments. Lightfinder, Forensic WDR and OptimizedIR with 20 m (65ft) in wide field of view, or more depending on the scene in challenging light conditions and darkness. C100 offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.



CAMERA

Application	Supervision Office, Mall, School, Smart Parking, Outdoor/Indoor, Wide-angle Monitoring
Processor	Qualcomm APQ8053 Qualcomm® 8x ARM Cortex A53, Octa-core CPU, 64-bit 1.8GHz 14nm Qualcomm® Adreno™ 506 GPU Qualcomm® Hexagon™ 546 DSP
Image Sensor	1/2.8" CMOS Sony IMX307
Electronic Shutter Speed	Minimum / Maximum: 2~1/20,000sec Anti Banding
Automatic day/night	Support
Minimum illumination	Color: 0.01Lux, IR: 0.001Lux

AI INSIDE

AI Features	Face detection <ul style="list-style-type: none">• Detect face in: 10m• Accuracy: 96%• Latency: 0,4~0,6s/frame
	Face recognition <ul style="list-style-type: none">• Recognize face in: 6~8m• Accuracy: 99,5%• Latency: 0,3~0,5s/frame
	ANPR Not supported
	People counting <ul style="list-style-type: none">• Detect body in: 15m• Accuracy: 98%• Processing speed: 0,3s~0,5s/frame
	Vehicle counting Not supported
Tamper detection	Not support
Motion Detection	Multi polygonal zones

IMAGE

Night Vision Technology	Support
Wide Dynamic Range	120dB
Backlight Compensation	BLC, HLC, WDR
Digital Noise Reduction	Qualcomm ANR
Gain Control	Low / Middle / High
White Balance	Manual / Indoor / Outdoor / Bright / Night
Video Rotation	Mirror, Flip
Bitrate Control	H.265/H.264: CBR

VIDEO

Resolution	2MP
Frame rate	30 fps
Video compression	H.264, H.265
Image stabilization	EIS
Streaming	Maximum of ten (10) simultaneous multi-streams using H.265, H.264

LENS	
Optical Zoom	Not support
Focal Length	Fixed focal 2.8mm
FOV (Horizontal, Vertical)	H: 106.9° V: 56.9° D: 127.9°
Min. Object Distance	0.76 m ~∞
Auto IRIS	F1.6
Auto focus	Fixed focus

AUDIO	
Audio In	Not support
Audio Out	Not support
Audio compression	Not support

NETWORK CONNECTIVITY	
Interface	RJ-45 cable connector for Network 10/100 Mbps IEEE802.11b/g/n
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTSP, HTTP, HTTPS, SSI/TLS, DHCP
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari (Mac OS X only)
Security	Password Protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication

GENERAL	
Casing	IP66, IK10
Color / Material	Top : White / Aluminum Bottom : White / Aluminum
Operation Temperature / Humidity	-10°~+60°C; 10-100%RH
Dimensions	162.9 (L) x 81.7 (W) x 62.50 (H) mm
Weight	0.4 kg
Memory	1GB RAM, 8GB Flash
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LED's with adjustable angle of illumination and intensity. Range of reach up to 30m (98ft) or more depending on the scene
Wiper & Heater	Not support
Mirco SD Card	External, up to 256G
Power	DC 12V/1A
GPS	Not support
Wi-Fi	Support

PTZ	
Pan/Tilt/Zoom	Not support
PT speed	Not support

SYSTEM INTEGRATION	
Application Programming Interface	ONVIF Profile S/G/T
Analytics	Directional detection, Face detection, Motion detection, Enter/Exit, Traffic, ANPR
Alarm Triggers	Network disconnect
Alarm Events	FTP, Email, Server VA, Sound Alarm output





FULLHD BULLET C110

AI Security Camera



FHD 2MP AT 60 FPS



-10°C ~ +60°C (14°F TO 144°F)



OPTIMIZEDIR WITH 20 M (65 FT) RANGE



WIDE ANGLE, FIXED FOCAL

C110 Bullet type, 2 MP video with Wide angle, fixed focal.

C110 Network Camera is an all-integrated camera delivering 2 megapixel resolution and wide angle for easy and flexible installation at any distance as well as detailed video for identification. With a wide temperature range, impact resistance, this reliable camera is ready for tough environments. Lightfinder, Forensic WDR and OptimizedIR with 20 m (65ft) in wide field of view, or more depending on the scene in challenging light conditions and darkness. C110 offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.



CAMERA

Application	Supervision Office, Mall, School, Smart Parking, Outdoor/Indoor, Wide-angle Monitoring
Processor	Qualcomm APQ8053 Qualcomm® 8x ARM Cortex A53, Octa-core CPU, 64-bit 1.8GHz 14nm Qualcomm® Adreno™ 506 GPU Qualcomm® Hexagon™ 546 DSP
Image Sensor	1/2.8" CMOS Sony IMX307
Electronic Shutter Speed	Minimum / Maximum: 2~1/20,000sec Anti Banding
Automatic day/night	Support
Minimum illumination	Color: 0.01Lux, IR: 0.001Lux

AI INSIDE

AI Features	Face detection <ul style="list-style-type: none">• Detect face in: 10m• Accuracy: 96%• Latency: 0,4~0,6s/frame
	Face recognition <ul style="list-style-type: none">• Recognize face in: 6~8m• Accuracy: 99,5%• Latency: 0,3~0,5s/frame
	ANPR Not supported
	People counting <ul style="list-style-type: none">• Detect body in: 15m• Accuracy: 98%• Processing speed: 0,3s~0,5s/frame
	Vehicle counting Not supported
Tamper detection	Not support
Motion Detection	Multi polygonal zones

IMAGE

Night Vision Technology	Support
Wide Dynamic Range	120dB
Backlight Compensation	BLC, HLC, WDR
Digital Noise Reduction	Qualcomm ANR
Gain Control	Low / Middle / High
White Balance	Manual / Indoor / Outdoor / Bright / Night
Video Rotation	Mirror, Flip
Bitrate Control	H.265/H.264: CBR

VIDEO

Resolution	2MP
Frame rate	30 fps
Video compression	H.264, H.265
Image stabilization	EIS
Streaming	Maximum of ten (10) simultaneous multi-streams using H.265, H.264

LENS	
Optical Zoom	Not support
Focal Length	Fixed focal 4mm
FOV (Horizontal, Vertical)	H: 87.5° V: 44.4° D: 104.9°
Min. Object Distance	0.76 m ~∞
Auto IRIS	F1.6
Auto focus	Fixed focus

AUDIO	
Audio In	Not support
Audio Out	Not support
Audio compression	Not support

NETWORK CONNECTIVITY	
Interface	RJ-45 cable connector for Network 10/100 Mbps IEEE802.11b/g/n
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTSP, HTTP, HTTPS, SSI/TLS, DHCP
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari (Mac OS X only)
Security	Password Protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication

GENERAL	
Casing	IP66, IK10
Color / Material	Top : White / Aluminum Bottom : White / Aluminum
Operation Temperature / Humidity	-10°~+60°C; 10-100%RH
Dimensions	162.9 (L) x 81.7 (W) x 62.50 (H) mm
Weight	0.4 kg
Memory	1GB RAM, 8GB Flash
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LED's with adjustable angle of illumination and intensity. Range of reach up to 30m (98ft) or more depending on the scene
Wiper & Heater	Not support
Mirco SD Card	External, up to 256G
Power	POE IEEE 802.3af, DC 12V/1A
GPS	Not support
Wi-Fi	Support

PTZ	
Pan/Tilt/Zoom	Not support
PT speed	Not support


SYSTEM INTEGRATION	
Application Programming Interface	ONVIF Profile S/G/T
Analytics	Directional detection, Face detection, Motion detection, Enter/Exit, Traffic, ANPR
Alarm Triggers	Network disconnect
Alarm Events	FTP, Email, Server VA, Sound Alarm output






FULLHD BULLET C300

AI Security Camera

 **FPS**

FHD 2MP AT 30 FPS



-10°C ~ +60°C (14°F TO 144°F)



OPTIMIZEDIR WITH 20 M (65 FT) RANGE



WIDE ANGLE, FIXED FOCAL

C300 Dome Full HD, wide angle, fixed focal.

C300 Network Camera is an all-integrated camera delivering 2 megapixel resolution and wide angle for easy and flexible installation at any distance as well as detailed video for identification. With a wide temperature range, impact resistance, this reliable camera is ready for tough environments. Lightfinder, Forensic WDR and OptimizedIR with 20 m (65ft) in wide field of view, or more depending on the scene in challenging light conditions and darkness. C300 offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound.

CAMERA	
Application	Supervision Office, Mall, School, Smart Parking, Outdoor/Indoor, Wide-angle Monitoring
Processor	Qualcomm APQ8053 Qualcomm® 8x ARM Cortex A53, Octa-core CPU, 64-bit 1.8GHz 14nm Qualcomm® Adreno™ 506 GPU Qualcomm® Hexagon™ 546 DSP
Image Sensor	1/2.8" CMOS Sony IMX307
Electronic Shutter Speed	Minimum / Maximum: 2~1/20,000sec Anti Banding
Automatic day/night	Support
Minimum illumination	Color: 0.01Lux, IR: 0.001Lux
AI INSIDE	
AI Features	Face detection <ul style="list-style-type: none">• Detect face in: 10m• Accuracy: 96%• Latency: 0,4~0,6s/frame
	Face recognition <ul style="list-style-type: none">• Recognize face in: 6~8m• Accuracy: 99,5%• Latency: 0,3~0,5s/frame
	ANPR Not supported
	People counting <ul style="list-style-type: none">• Detect body in: 15m• Accuracy: 98%• Processing speed: 0,3s~0,5s/frame
	Vehicle counting Not supported
Tamper detection	Not support
Motion Detection	Multi polygonal zones
IMAGE	
Night Vision Technology	Support
Wide Dynamic Range	120dB
Backlight Compensation	BLC, HLC, WDR
Digital Noise Reduction	Qualcomm ANR
Gain Control	Low / Middle / High
White Balance	Manual / Indoor / Outdoor / Bright / Night
Video Rotation	Mirror, Flip
Bitrate Control	H.265/H.264: CBR
VIDEO	
Resolution	2MP
Frame rate	30 fps
Video compression	H.264, H.265
Image stabilization	EIS
Streaming	Maximum of ten (10) simultaneous multi-streams using H.265, H.264

LENS	
Optical Zoom	Not support
Focal Length	Fixed focal 4mm
FOV (Horizontal, Vertical)	H: 87.5° V: 44.4° D: 104.9°
Min. Object Distance	0.97m ~∞
Auto IRIS	F1.6
Auto focus	Fixed focus

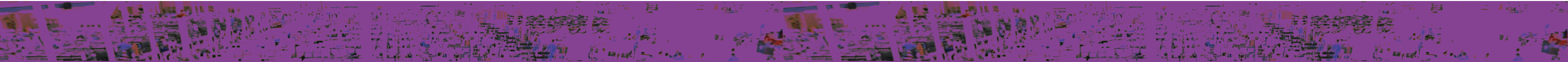
AUDIO	
Audio In	Not support
Audio Out	Not support
Audio compression	Not support

NETWORK CONNECTIVITY	
Interface	RJ-45 cable connector for Network 10/100 Mbps IEEE802.11b/g/n
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTSP, HTTP, HTTPS, SSI/TLS, DHCP
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari (Mac OS X only)
Security	Password Protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication

GENERAL	
Casing	IP66, IK10
Color / Material	Top : White / Aluminum Bottom : White / Aluminum
Operation Temperature / Humidity	-10°~+60°C; 10-100%RH
Dimensions	93.1 (L) x 93.1 (W) x 68 (H) mm
Weight	0.36 kg
Memory	1GB RAM, 8GB Flash
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LED's with adjustable angle of illumination and intensity. Range of reach up to 30m (98ft) or more depending on the scene
Wiper & Heater	Not support
Mirco SD Card	External, up to 256G
Power	POE IEEE 802.3af, DC 12V/1A
GPS	Not support
Wi-Fi	Support

PTZ	
Pan/Tilt/Zoom	Tilt: 60°
PT speed	Manual tilt speed 0.1~50°/S

SYSTEM INTEGRATION	
Application Programming Interface	ONVIF Profile S/G/T
Analytics	Directional detection, Face detection, Motion detection, Enter/Exit, Traffic, ANPR
Alarm Triggers	Network disconnect
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Minimum illumination	Color: 0.01Lux, IR: 0.001Lux

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AI Features	Face detection <ul style="list-style-type: none">• Detect face in: 10m• Accuracy: 96%• Latency: 0,4~0,6s/frame Face recognition <ul style="list-style-type: none">• Recognize face in: 6~8m• Accuracy: 99,5%• Latency: 0,3~0,5s/frame ANPR Not supported People counting <ul style="list-style-type: none">• Detect body in: 15m• Accuracy: 98%• Processing speed: 0,3s~0,5s/frame Vehicle counting Not supported
Tamper detection	Not support
Motion Detection	Multi polygonal zones

IMAGE

Night Vision Technology	Support
Wide Dynamic Range	120dB
Backlight Compensation	BLC, HLC, WDR
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