

QUANTUM

QUANTUM-1s-DP12-IV



The QUANTUM-1s-DP12-IV is a 12 MegaPixel 360 degree camera that has an IP67 weatherproof rating as well as IK10 vandal proof rating. It is capable of viewing a wide area and de-warping the native fisheye view into a stream that is undistorted to the human eye.

Its advanced chipset supports intelligent functions such as Heat Mapping to provide valuable business intelligence to many industries including the FMCG industry.

The QUANTUM-1s-DP12-IV also incorporates IR's for night vision up to 10m, an internal SD card slot and a built in microphone and alarm I/O (2/1).



CONNECTIVITY

Ethernet	1 RJ45 (10/100Base-T)
BNC Output (CVBS)	0
Alarm Input	2
Alarm Output	1
Audio Input	1 (Built in Microphone)
Audio Output	1
RS-485	0
Memory Slot	Micro SD (Max 64GB)

LENS

Focal Length	1.57mm (Fisheye)
Max Aperture	F2.2
Angle of View	185°

DAY / NIGHT

Min. Illumination	Colour	0.01Lux @ F2.2
	B/W	0Lux @ F2.2 (IR On)
Day/Night	Auto (ICR) / Colour / B/W	
IR Distance	10m	

SOFTWARE

Dewarp Functions	Original, Panoramic, Double Panoramic, 1+3, EPTZ, 4 Spilt
Network Functions	HTTP, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4, IPv6, SNMP, QoS, UPnP, NTP
Smart Phone/Tablet PC / Mac Software	ICRSS Pro / ICView Smart ICRSS / Web Browser
Onvif	Onvif, PSIA
Intelligent Functions	Tripwire, Intrusion Detection, Heat Map
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Recording, Email, Snapshot, Relay

ACCESSORIES (OPTIONAL)

PLA-100-W	Mount Plate for Wall Bracket
MNT-302-W	Wall Bracket
BASE-132-W	Junction Base

PERFORMANCE

Image Sensor	Sony IMX (1/2.3")
Chipset	Ambarella
Effective Pixels	4000(H) x 3000(V)
Compression	H.264/MJPEG
Resolution	12MP (1-15fps) 3MP (1-25fps)
Streams	2
Bit Rate	40-8192Kbps
Backlight Compensation	BLC / HLC
Wide Dynamic Range	DWDR (Digital WDR)
White Balance	Auto/Manual
Gain Control	Auto / Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas

ENVIRONMENTAL

Power Consumption	12vDC / PoE (802.3af) <13W
Working Environment Protection	-30°C ~ 60°C / Less than 95% RH IP67 / IK10
Dimensions	Ø150 (mm) x 50.7 (mm)
Weight	0.58kg



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