![DYNACOLOR - always watching]

- SD card built in for edge recording
- HDR Engine Gen3
- Crystal Engine Gen3

Discreet Design

S5-C's unique extreme discreet form factor can be easily integrated into ATM, vending or service kiosk, where very limited installation space is available for aftermarket cameras. The camera is also suitable for cashier counter, hotel registration desks, and any places where low profile installation is required.

HDR Engine Gen3

The latest HDR engine delivers excellent, natural high dynamic images. Both details of high light and low light areas are kept, and no blending artifacts are generated.

Crystal Engine Gen3

Under extremely low light environment, Crystal engine gen3 delivers low noise, high quality image without compromising on details. In addition, it also keeps image sharp on motion object.

Features

- Multiple Progressive Scan CMOS Sensor support up to

  5M Resolution

- Multi Exposure HDR

- Multi Codec support (H.265/H.264/MJPEG)

- Low Latency Streaming

- Quad Streams support

- 3D Motion Compensated Noise Reduction (MCTF)

- Text Overlay and Privacy Masks

- Smart Event function

  - External Input/Motion Detection

  - Network Failure Detection

  - Periodical Event/Manual Trigger/Tampering Alarm

- Micro SD/SDHC/SDXC Card support

- ONVIF Profile S/G/T/M support

- Smart Low Bitrate control

Custom Specification (Default)

OmniVision 5M			
Image Sensor	OmniVision 5M 1/2.7" Progressive CMOS		
Effective Pixels	HxV = 2720x1976 (5M)		
Pixel Size	2.0 µm		
Frame Rate (Maximum)	H.265 HDR 5M @30fps + 720p @30fps		
	H.264 HDR 5M @30fps + 720p @30fps		
	MJPEG 2M @30fps		
Lens : Default			
Minimum Illumination	Color		0.172 lux
	B/W		0.036 lux
Lens	Type		F2.0
	Focal Length		2.8 mm
	Horizontal FOV		108.3º
	Vertical FOV		76.5º

General		
Casing	Metal and Plastic	
Power	PoE IEEE802.3af, class 0, max 4.82 watt DC12V, max 0.31A, max 3.63 watt	
Connectors	RJ45	
	DC12V Jack	
	Alarm in x1, Alarm out x1, Wire to board	
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS	
Operating Conditions	-30ºC~55ºC 10%~90%, No Condensation	
Storage Conditions	-20ºC~70ºC	
Approvals	EMC	CE/FCC
	Safety	RoHS
Dimensions	Lens unit: 32.28x26.28x28 mm Main unit: 29.7x37.3x107.8 mm Cable length: 340 mm	
Weight	120 g	

Common Specification

Camera	
Shutter Time	1~1/10K sec.
HDR	Gen3 Engine
Digital Zoom	10x
Image Settings	Exposure, White Balance, Brightness, Sharpness, Contrast, Saturation, Hue, Noise Reduction, Text Overlay, Privacy Mask
Rotation	90º, 180º, 270º rotation
Video Codec	
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264
Network	
Interface	10/100Mbps Ethernet
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
ONVIF	Profile S/G/T/M conformant
System Integration	
General Analytics	Motion Detection/Tampering
Events Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email