



## Gemini SX 722



### Key Features

- Sony Progressive Scan CMOS
- Image Sensor Resolution up to 2M
- Unique split design
- Multi Exposure HDR
- H.265/H.264/MJPEG Simultaneously
- Low Latency Streaming
- Quad Streams support
- 3D Motion Compensated Noise Reduction
- Smart Event function: External Input/Manual Trigger, Motion Detection/Periodical Event, Network Failure Detection/Audio Detection
- Text Overlay and Privacy Masks
- Micro SD/SDHC/SDXC Card support
- ONVIF Profile S/G/T/M support
- Smart Low Bitrate control

### Split Design

The Gemini's unique split 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.

## Specification

Sony 2M	
Image Sensor	Sony 2M 1/2.8" Progressive CMOS
Effective Pixels	HxV = 1920x1080(2M)
Pixel Size	2.9 μm
Frame Rate	H.265 HDR 2M @30fps + 720p @30fps
Maximum	H.264 HDR 2M @30fps + 720p @30fps MJPEG 1080p @30fps
Lens : Default	
Minimum	Color 0.22 lux
Lens	Fixed focal Lens F2.0 Focal Length 2.8 mm Horizontal FOV 112.0° Vertical FOV 61.9°
Camera	
Shutter Time	1~1/10K sec.
HDR	Yes
Zoom	Digital zoom ready
Image Settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Corridor Mode	90°, 180°, 270° 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	
Analytics	Motion Detection/ Tampering
Event 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
General	
Casing	Metal
Power	PoE IEEE802.3af, class 0, max 5.28 watt DC12V, max 4.56 watt
Connectors	RJ45, DC12V Terminal Block, RJ12 for sensor unit Alarm in x1, Alarm out x1, Terminal Block
Storage	Support for microSD/microSDHC/microSDXC card. Support for recording to NAS
Operating Conditions	-30°C~55°C. 10%~90%, No Condensation
Storage Conditions	-20°C~70°C
Approvals	EMC. CE / FCC. Safety. LVD
Dimensions	Main unit: 91x59x28 mm Sensor unit: 26x26x43mm Sensor unit cable: 1.5 m
Weight	230 g
Part Number	0070-06001