



SalrayWorks Inc

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**Designed.** Manufactured by SalrayWorks in Seoul Korea

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High Bandwidth Full NDI PTZ Camera

# SHARON 360

Visually loss True NDI, Replaceable SDI quality and full NDI PTZ that can rotate PAN 360°

## Most advanced High bandwidth NDI® PTZ camera for 360° rotation view.

Sharon 360 incorporates SONY 30X Optical ZOOM and EXMOR RCMOS image sensor with Salrayworks NDI® Silicon, frame rates up to 1080P60, and capable of 360° rotation and ZOOM for a surround view.

## Full HD image quality with 60fps frame rate

1920x1080/60p

See every presenter or conference participant more clearly. The 1/2.8"-type superior sensitivity EXMOR R CMOS sensor captures smooth, crisply detailed, Full HD

(1920 x 1080 60p) images with extremely low noise - even in low light conditions where other cameras struggle. High frame rate (60fps) operation ensures smoother, more fluid reproduction of moving subjects.

## Powerful 30x SONY optical zoom and fast Auto-Focus response

The amazing 30x SONY optical zoom range is complemented by 12x digital zoom for frame-filling close-ups with every detail seen clearly. Ultra Fast Responsive superior autofocus ensures that images stay clear and sharp, even at high zoom settings.

## Multi-Connectivity output video

The SHARON 360 PTZ can simultaneously output 1080/60p baseband video through 3G-SDI, HDMI, high bandwidth NDI® ( PoE ), CVBS

## Ultra fast response and Multi Processing

Currently, 9 sockets are connected for real-time command processing, so it is possible to process multiple control commands at the same time, and it enables a faster and smoother response by operating with the control.

## ✓ Smart Function

Smart Flip

Swing

Pattern Recording

Group

Power Up Action

PAN/TILT with ZOOM speed

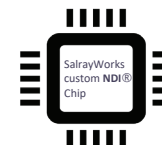


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## SalrayWorks Custom Design NDI Chip Mounted



### General

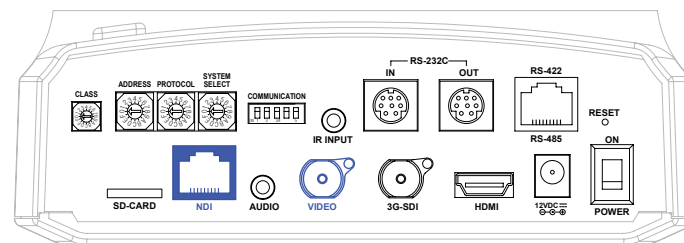
Module: 1/2.8" "Exmor R" CMOS  
Valid Pixels: 1920[H]x1080[V] (Approximately 2.38 million pixels)  
Video output format: 1920x1080p60, 1920x1080i60, 1920x1080p30, 1280x720p60, 1280x720p30, 720x576i50(CVBS only), 1920x1080p59.94, 1920x1080i59.94, 1280x720p59.94, 1920x1080p50, 1920x1080i50, 1920x1080p25, 1280x720p50, 1280x720p25  
Video output: High Bandwidth NDI, HD/3G-SDI(Level A/B), HDMI, CVBS(P-NA20, P-NA20S, P-NA30, P-NN30S only)  
Zoom Scale: Optical zoom: 20/30x, Digital zoom: 12x  
Lens: 20x Zoom Lens[f=4.7~94mm F1.6~F3.5] / 30x Zoom Lens[f=4.3~129mm F1.6~F4.7]  
Viewing Angle: 63.7°(W), 3.3°(T) / 63.7°(W), 2.3°(T)  
Tally LED: Red color  
Audio: Stereo Audio  
IR INPUT: Supported  
Minimum Luminance: [Day]: 0.1lx (1/30 sec, High Sensitivity On), 0.4lx (1/30 sec, High Sensitivity Off), 0.02lx (1/4 sec, High Sensitivity On), 0.05lx (1/4 sec, High Sensitivity Off) / [Night]: 0.008lx (1/30 sec, High Sensitivity On), 1.4lx (1/30 sec, High Sensitivity Off), 0.001lx (1/4 sec, High Sensitivity On), 0.19lx (1/4 sec, High Sensitivity Off)

### Physics

Cam ID: PELCO: 1~14, VISCA: 1~14 setting  
Communication: RS-422/485, RS-232C, IR Remote, VISCA over IP, High-bandwidth NDI  
Protocol: PELCO-D/P, VISCA  
OSD: Menu, Position, etc.  
Power: POE, DC 12V  $\pm 10\%$  (Max 1A)  
Dimension: 181 x 198 x 206mm (W x D x H)  
Weight: Approximately 1.95kg  
Operating temperature: 0°C ~ 40°C (32°F~104°F)

### Function

Day & Night: AGC, TDN(ICR)  
Focus: Semiauto/ Auto/ Manual  
Image Flip: On/ Off  
Zoom Speed: 0~7  
Focus Near Limit: 0.8m/ 30cm/ 11cm/ 1cm/ Over Inf/ 20m/ 10m/ 6m/ 4.2m/ 3.1m/ 2.5m/ 2.0m/ 1.65m/ 1.4m/ 1.2m  
AF Sensitivity: Normal/ Low  
Defog Mode: Off/ Low/ Mid/ High  
High Sensitivity: Off/ On  
Noise Reduction: Off/ 1~5  
Aperture: 10, 0~15  
White Balance: Auto/ Indoor/ Outdoor/ One Push/ ATW/ Manual/ Outdoor Auto/ Sodium Auto/ Sodium/ Sodium Out Auto  
Program AE: Full Auto/ Bright/ Shutter Pri/ Iris Pri/ Manual  
WDR: Off/ On/ VE  
BLC: On/ Off



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# NDI® | SALRAYWORKS

NDI PTZ · NDI Motorized Head · NDI Switcher · NDI Lighting · Ultra Latency POV · Ultra Slim AOC

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