SalrayWorks

SalrayWorks Inc

Designed. Manufactured by SalrayWorks in Seoul Korea

All right reserved. www.salrayworks.com I anyhelp@salrayworks.com

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 partic ipant 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 reame 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
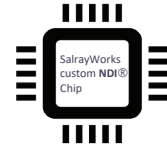Group
Power Up Action
PAN/TILT with ZOOM speed

02

High Bandwidth Full NDI PTZ Camera

SHARON 360

SALRAYWORKS

SalrayWorks
custom **NDI**®
Chip

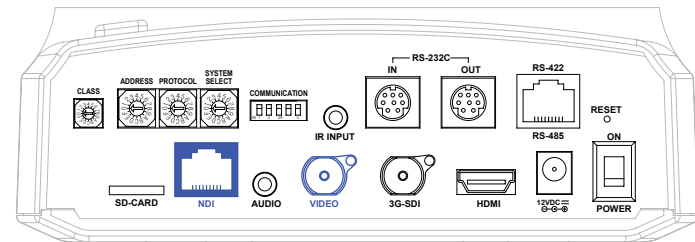## SalrayWorks Custom Design NDI Chip Mounted

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)

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

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 ±10% (Max 1A)
Dimension: 181 x 198 x 206mm (W x D x H)
Weight: Approximately 1.95kg
Operating temperature: 0℃ ~ 40℃ (32℉~104℉)

CLASS ADDRESS PROTOCOL SYSTEM SELECT COMMUNICATION IR INPUT RS-232C IN OUT RS-422 RS-485 RESET ON
SD-CARD NDI AUDIO VIDEO 3G-SDI HDMI 12VDC POWER

NDI® | SW

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

SW
SalrayWorks