

# BACKUP SERVER SOLUTION - 64 CHANNELS 4K NETWORK VIDEO RECORDER BXA-S64H16-A2SAS Series



## Key Features

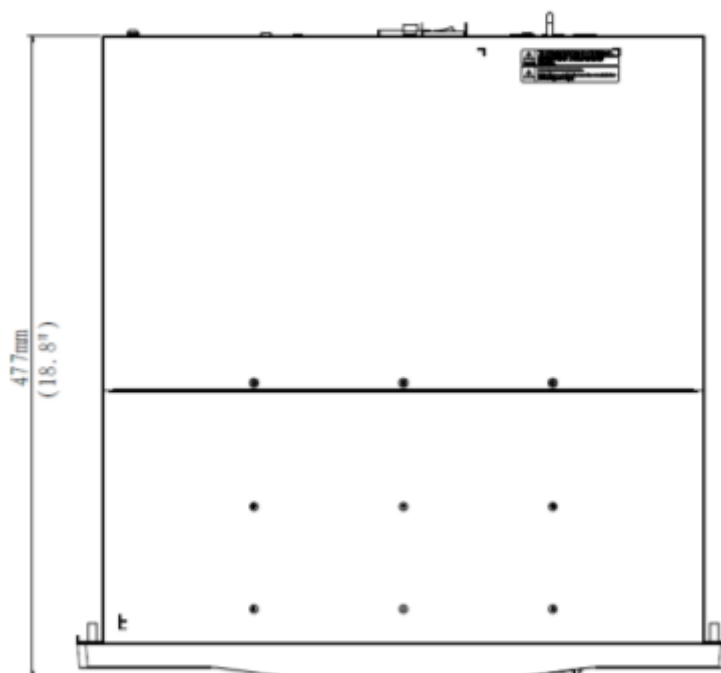
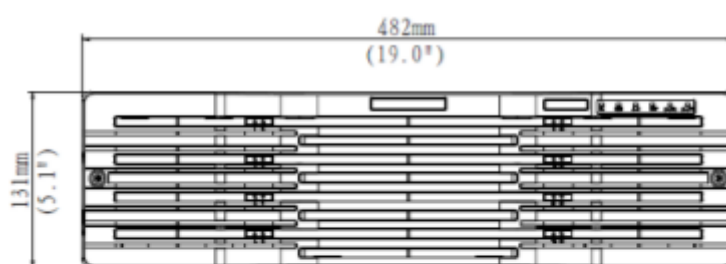
- Support Smart Encoding/Ultra 265/H.265/H.264 video formats
- 64 channels input
- Third-party IP cameras supported with ONVIF conformance: Profile S | G | C | Q | A | T
- Support 2-ch HDMI, 1-ch VGA, HDMI2 at up to 4K(3840x2160) resolution
- HDMI1/VGA and HDMI2 independent outputs provided
- Up to **12** Megapixels resolution recording
- 16 SATA HDDs, Up to 10TB for each HDD
- Various fisheye de-warping modes for live view and playback for both web interface and GUI
- Support N+1 Hot spare
- Support for 12V Power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support 2 mini SAS interfaces
- Optional to extend to 12 HDMI with 2 decoding cards

## Specifications

<b>Model</b>	<b>BXA-S64H16-A2SAS</b>
<b>Video/Audio Input</b>	
IP Video Input	64-ch
Two-way Audio Input	1-ch, RCA
<b>Network</b>	
Incoming Bandwidth	384Mbps
Outgoing Bandwidth	384Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
<b>Video/Audio Output</b>	
HDMI/VGA output	HDMI1/VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Synchronous Playback	16-ch
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
<b>Decoding</b>	
Decoding format	Smart Encoding/Ultra 265, H.265, H.264
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080p@30, 32 x 960p@25
<b>Hard Disk</b>	
SATA	16 SATA interfaces
Capacity	up to 10TB for each HDD
eSATA	1 eSATA interface
miniSAS	2 miniSAS ports
<b>Smart</b>	
VCA Detection	Face detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking
VCA Search	Face search, Behavior search
Statistical Analysis	People counting
<b>External Interface</b>	
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
Serial Interface	1 x RS485; 1 x RS232
USB Interface	Rear panel: 4 x USB3.0
Alarm In / Out	24-ch / 8-ch
Decoding Card	2 slots – optional 6 HDMI Outputs per card
Power Output	12 VDC
Disk Array	RAID 0, 1, 5, 6, 10, 50, 60

PoE	
Interface	NA
Max Power	NA
Supported Standard	NA
General	
Power Supply	100 ~ 240 VAC Power Consumption: ≤ 20 W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F ), Humidity ≤ 90% RH (non-condensing)
Dimensions(WxDxH)	442 mm× 425mm×86mm (17.4" × 16.7"×3.4")
Weight (without HDD )	≤ 5.13 Kg (11.31 lb)

## Dimensions



## Rear Panel



(1) GND	(2) SFP Interface	(3) Adaptive Interface
(4) RS485	(5) RS232	(6) USB
(7) eSATA	(8) Audio Input	(9) HDMI Output
(10) Audio Output	(11) VGA Output	(12) miniSAS
(13) Power Button	(14) RST	(15) Alarm Input
(16) Alarm Output	(17) 12V DC Output	(18) Decoding Card 1 (optional)
(19) Power Supply 1	(20) Power Supply 2(optional)	(21) Decoding Card 2 (optional)