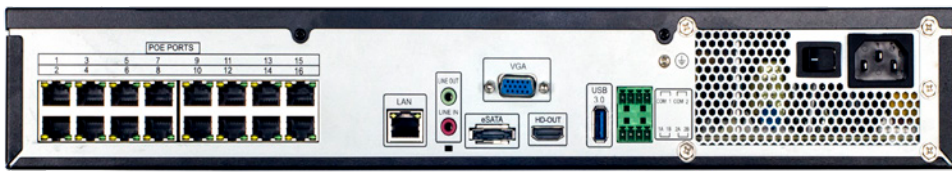# 3212-8000 Series
Network Video Recorder

3212-8000 Front

3212-8000 Rear

Key Features

- Face and temperature recognition when used with 3212-2000
- Up to 16 recognition groups with 10,000 face images in total
- Smart Search by temperature and face
- 1 10M/100M/1000M network interface
- Multiple PoE Ports
- Simultaneous HDMI and VGA Output

The CostarHD 3212-8000 AI NVR is a powerful appliance for the 3212-2000 Thermal Imaging Radiometric Detection Camera. This AI appliance supports up to 4 of these cameras with power, recording and an intuitive GUI.

The 3212-8000 can process up to 20 face pictures per second allowing for a steady stream of scans in rapid succession.

Offered in a 3TB and 6TB option the flexible storage options will allow you to store as much or a little footage as you desire. The integrated Power over Ethernet (PoE) switch allows for a quick, simple, and effortless installation between the camera and the AI NVR.

When used as a workstation the 3212-8000 serves as the main processing unit for thermal cameras that offers temperature reports and ways to viewing capabilities. The HDMI and USB connections allow for the 3212-8000 to function as a monitoring station for system operators.

COSTAR HD

3212-8000.2

VIDEO OUTPUT

HDMI Output	3840×2160,1920×1080, 1440×900, 1280×1024
VGA Output	1920×1080,1440×900, 1280×1024
Dual Stream	Support
Multi-Screen Display	Mirrored displays with up to 4 video panes

AI RECOGNITIONS

Body Temp-filter	Real-time body temperature screening and display temperature recording and over temperature snapshots
Trigger Events	Buzzer, Alarm prompt, Email, Alarm Out

FACE RECOGNITION

Stranger Mode	Detect strangers' faces (not in device's face database) Similarity threshold can be set manually
Database Management	Up to 16 face groups with 10,000 face images in total
Database Application	All data can be applied to any channel

BODY TEMP-FILTER

Temperature	Real-time display of temperature measurement results
Smart Search	Time, Person Type, Temperature Type, ID

MULTI-OBJECTIVE

Face	Real-time captured and display faces comparison results

RECORDING

Record Mode	Manual, Schedule (Regular, Continuous), Event
Trigger Events	Motion Detection, Video Loss, Alarm in

PLAYBACK AND BACKUP

Sync Playback	4/1
Search Mode	Time/Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network, eSATA

NETWORK

Interface	1 RJ-45 port (10/100/1000Mbps)
PoE	16 ports (IEEE 802.3af), 128W
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, IP Filter, DDNS, 802.1X, SNMP, PPPoE
Remote Users	8 users
Interoperability	ONVIF, SDK, CGI

STORAGE

Internal HDD	2 SATA ports, up to 3TB each
eSATA	1 eSATA port
Cloud Storage	Support

INTERFACE

Audio I/O	1 Input, 1 Output
Alarm Input	2 Inputs
Alarm Output	2 Outputs
USB	3 ports (USB 2.0 x2, USB 3.0 x1)

ELECTRICAL

Power Supply	100~240VAC, max output 300W
Power Consumption	< 15W (without HDD)

MECHANICAL

Dimensions	440(W)×368.3(D)×70(H)mm 17.3(W) × 14.5(D) × 2.8(H)in.
Net Weight	12.74lbs. (5.78kg)

ENVIRONMENTAL

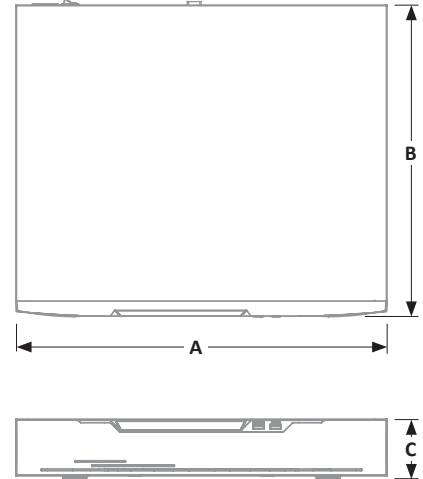|	
Operating Temp.	-10 ~ 50°C (14 ~ 122°F)
Storage Conditions	Less than 90% RH

CERTIFICATIONS

CE, FCC

ORDERING INFORMATION

3212-8003 3TB NVR with Integrated PoE Switch
3212-8006 6TB NVR with Integrated PoE Switch

3212-2000 DIMENSIONS

Dimension	3212-8000	
	Inches	mm
A	17.3	440
B	14.5	368.3
C	2.8	70

About CostarHD™

CostarHD is a leading manufacturer of high-definition video systems designed to satisfy the demanding performance requirements for critical infrastructure applications. CostarHD solutions integrate the latest high-definition video imaging and compression technologies into ruggedized camera products for monitoring in critical, sensitive environments.