

Edge 32d Decoder

High-Performance Video Display Solution



The **Edge 32d Decoder** is a 32-channel hardware decoder designed for high-performance video display in retail, banking, and security control rooms. Offering 11 multi-layout display options, it provides an efficient way to monitor multiple cameras on a single screen, eliminating the need for a dedicated PC. Built on a Linux OS, the Edge 32d operates as a standalone unit, ensuring fast, reliable performance with minimal setup.

This decoder is ideal for customer-facing monitors in retail and banking environments, where businesses use visible surveillance to deter theft and enhance security awareness. The Edge 32d simplifies video management, allowing users to connect and control cameras locally using a mouse, keyboard, and monitor, or remotely via a web interface. Additionally, it supports the display of CloudSight cameras, offering seamless integration with March Networks' cloud-based video surveillance platform.

With plug-and-play installation and a competitive price, the Edge 32d Decoder is an essential solution for businesses looking to enhance security visibility, reduce infrastructure costs, and streamline video monitoring operations.

Key Benefits

- ▼ **Effortless Multi-Camera Display.** View up to 32 camera feeds simultaneously with 11 layout options, ensuring comprehensive surveillance coverage.
- ▼ **No PC Required.** Runs on Linux OS as a standalone hardware decoder, reducing maintenance and improving reliability.
- ▼ **Seamless Cloud Integration.** Supports CloudSight cameras, allowing businesses to integrate cloud-based video surveillance effortlessly.
- ▼ **Easy Installation and Control.** Connect directly to a monitor and operate locally with a keyboard and mouse or remotely via a web interface.

A 32-channel hardware decoder providing seamless multi-camera display without the need for a PC.

Edge 32d Decoder

VIDEO

Video Compression	Support for H.265, H.264, MJPEG decoding
Resolution	3840x2160 @ 90 fps (3 channels) 1920x1080 @ 360 fps (12 channels)
Frame Rate	30 fps per channel
Video Streaming	Constant/Auto Adaptive Stream Display Resolution: 3840x2160, 1920x1080, 1280x720
Image Settings	Up to 32 Channels. Available Views: 1x1, 2x2, 3x3, 4x4, 1M+5, 1M+12, 1M+31, 1P+3, 1P+6, 2P+3, 3V

AUDIO

Audio Streaming	Yes, camera dependent
Audio Compression	G.711, G.726
Audio Input/Output	Yes, camera dependent

ALARM

Alarm Inputs	N/A
Alarm Outputs	N/A

PTZ CONTROL

PTZ Control	Integrated, both for physical and digital PTZ. Supported operations: Direction Control, Home, Iris, Preset, Patrol (Group)
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NETWORK

Security	Hardware and software watchdog, access list, digest authentication, HTTPS, IEEE 802.1x, password protection, user access log, user account management
Supported Protocols	IPv4, IPv6, TCP/ IP, HTTP, HTTPS, UPnP, RTSP/ RTP/ RTCP, SMTP, FTP, DHCP, NTP, DNS, DDNS

SYSTEM INTEGRATION

Intelligent Video	Fisheye dewarping support
Alarm Triggers	N/A
Alarm Events	N/A

ELECTRICAL

Power	12 V $\pm$ 1 A
Power Consumption	max 12 W
External Power Supply	100-240 V $\sim$ 50/60 Hz 0.5 A

PHYSICAL

Dimensions (LxWxH)	198 x 200 x 47 mm (7.8 x 7.87 x 1.85 in)
Weight	530 g (1.17 lb)

ENVIRONMENTAL

Operating Conditions	-10 °C to +50 °C (+14 °F to +122 °F)
Humidity	0-95% RH, non-condensing

USER CONNECTIONS

Connectors	1 USB 2.0 port (front); 1 USB 3.0 port (rear); 1 power connector (rear); 1 Ethernet RJ45 port (rear); 1 HD Video Output
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GENERAL

Included Accessories	PSU, optical mouse
Optional Accessories	N/A

REGULATORY

Regulatory Model	EDGE 32d
Safety	UL/CSA62368-1, IEC EN 62368-1
EMC	EN 55032, 47 CFR FCC part 15 Subpart B, ICES-001, AS/NZS CISPR 32, CISPR 32, EN 61000-3-2, EN 61000-3-3, EN55035
Environmental	RoHS, WEEE
Compliance Marking	CE, cULus, RCM, UKCA, NOM

ORDERING INFORMATION

DEVICE	
42455	Edge 32d Decoder

5-year warranty:

- Option for Advance Replacement or Repair and Return.
- No need to issue a PO prior to receiving the replacement.
- March Networks incurs all shipping costs — both ways — for Advance Replacements.