



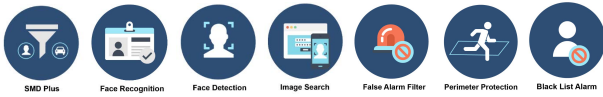
Introducing the IC Realtime BREEZE-7s-216, a cutting-edge 16-channel plug & play Network Video Recorder (NVR) that takes video surveillance to the next level. Building on the strengths of its predecessor, the BREEZE-6s3-216, this new model integrates a powerful AI-driven processor with advanced video analytics, making it ideal for both commercial and residential security applications.

The BREEZE-7s-216 continues to support Smart Motion Detection Plus (SMD Plus) and Face Recognition, ensuring precise detection of individuals while minimizing false alerts. This model significantly enhances face recognition capabilities, supporting up to 10 face databases with a storage capacity of 20,000 face images. The NVR can efficiently process these images, making it easier to identify and respond to security threats.

In addition to these robust AI features, the BREEZE-7s-216 introduces new capabilities such as ANPR*, people counting*, stereo analysis*, and heat map generation*, providing comprehensive insights into crowd behavior and movement. These features are essential for businesses and public spaces that require detailed analysis of people / vehicle traffic and occupancy trends. **(*Features are IPC Dependant)**

The NVR's decoding performance has also been upgraded, supporting up to 4 channels at 8MP@30fps or 8 channels at 4MP@30fps with adaptive decoding. This ensures smooth playback and efficient storage management, particularly in high-definition environments. The inclusion of advanced perimeter protection, with the ability to filter out false alarms from non-relevant targets, ensures that security personnel can focus on genuine threats.

As with previous models, the BREEZE-7s-216 is designed for seamless integration and ease of use. The integrated 16-port PoE switch simplifies setup by powering IP cameras and configuring them automatically, reducing installation time. Housed in a 1U desktop case with dual SATA ports, the BREEZE-7s-216 offers 4K (3840x2160) HDMI and VGA video outputs, ensuring high-quality video playback. Backup options via USB and network connections provide flexible data management solutions. The recorder is license-free, Onvif compatible, and supports various third-party IP camera vendors, making it a comprehensive solution for modern surveillance challenges.



● PERFORMANCE

| | |
|-------------------------|-----------------------------------|
| IPC Resolution (Max) | 4K/8MP |
| IPC Recording Bandwidth | 256Mbps (AI off), 180Mbps (AI On) |
| Bit Rate Support | 1-20Mbps Per Channel |
| Processor | Dual Core Embedded |
| Video Compression | H.264/H.265 /Smart 264/265 /MJPEG |

● SOFTWARE

| | |
|------------------------|--|
| OS | Embedded Linux (ICR OS) |
| Video Detection | Motion Detection, PIR Alarm, Video Loss & Camera Masking, IPC Alarm |
| AI Smart Search | Human, Vehicle, Non Motor, Face Search |
| Fisheye Dewarp Support | - |
| Simultaneous Playback | 4CH @8MP 30fps / 16CH @1080P 30FPS |
| Max User Access | 128 |
| Network Functions | TCP/IP, IPV4, IPV6, RTP, UDP, NTP, DHCP, DNS |
| Integrations | ONVIF Profiles T, S, G / CGI, SDK |
| IPC Support | IC Realtime, Onvif, Axis, Bosch, Dahua, Hikvision, Panasonic, Pelco, Samsung, Sony, UNV and many more... |
| Smart Phone/ Tablet | Easyviewer Pro/Plus |
| PC/ Mac Software | SmartICRSS & Web Browser |
| Push Notifications | Yes |
| DDNS | Yes |
| Extra Stream | Yes |
| P2P | Yes |
| ANR | Yes |
| ARC Integration | Yes |

● CONNECTIVITY

| | |
|-------------------------|---|
| Total Video Channels | 16 |
| IP Channels | 16 (16 x PoE) |
| HDCVI Channels | - |
| Audio Input (RCA) Audio | 1 |
| Output (RCA) | 1 |
| Audio (IP) | Yes |
| Two way Audio Supported | Yes |
| Alarm Inputs | 4 |
| Alarm Outputs | 2 |
| HDMI - 4K (3840 x 2160) | 1 |
| VGA | 1 |
| BNC | - |
| PoE UPnP IPC Ports | 16 - IEEE802.3af/at (130W Total Output) |
| 10/100M RJ45 Port | - |
| 10/100/1000M RJ45 Port | 1 |
| RS-485 | - |
| RS-232 | - |
| USB 2.0 Port(s) | 2 |
| USB 3.0 Port(s) | - |

● STORAGE

| | |
|----------------|---------------|
| SATA Ports | 1 |
| RAID | - |
| eSATA Port | - |
| Backup Methods | USB & Network |

● ENVIRONMENTAL

| | |
|---------------------|--|
| Case Size | 1U Desktop |
| Dimensions (mm) | 375mm (W) x 329.3 mm (D) x 53mm (H) |
| Power Supply | 100-240V, 47-63HZ, 3.5A |
| Power Consumption | NVR: <10W (without HDD) PoE: Max 130W (total) Maximum 25.5W on single PoE port |
| Working Environment | -10°C-+55°C / 0%-90%RH / 86-106kpa |
| Weight | 2.63KG (Net without HDD) 3.91KG Gross |
| Certification | CE, FCC, UL |