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Blazer Express iVMS Station

Introduction

Blazer Express is an intelligent video management software station that comes preinstalled with an operating system and outstanding iVMS, and can support up to 16 or 32 network cameras. With flexible features and local storage (not supplied), Blazer Express offers you an efficient and easy one-stop solution for video surveillance implementation, for applications from a small retail store to a complex surveillance installation with multiple sites.

Available Models

Blazer Express/16, Blazer Express/16/8P, Blazer Express/16/16P, Blazer Express/32, Blazer Express/32/16P

Main Features

Easy-To-Use and Highly Efficient

- Preinstalled operating system and pre-activated iVMS for easy installation
- Automatic device discovery for easy device addition
- Setup Wizard for basic settings
- Pluggable SSD design for convenient OS/iVMS maintenance
- Supports GPU hardware decoding to save CPU resources
- Multiple video search options (tag, lock, interval, segment, and VCA search) help you find relevant video clips easily
- PoE interfaces supporting plug-and-play function for connected PoE network cameras (only available for Blazer Express/16/8P, Blazer Express/16/16P, and Blazer Express/32/16P)
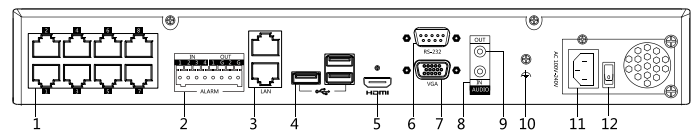
Flexible and Scalable

- Connect multiple Blazer Express stations at remote sites with Blazer Express Client for centralized management
- Access Blazer Express via multiple free clients anytime, anywhere
- Compatible with third-party cameras via ONVIF™ or private protocols
- Provide SDK for third-party system integration

Powerful Function

- Unified management of both Blazer Express and DVR/NVR via Blazer Express Control Client
- ANPR function available for convenient entrance/exit management
- Generate and export traffic flow report to check the statistics of vehicles passing through the ANPR units
- Managing POS terminal via for searching and checking transaction information and event
- Overlay the transaction information on the POS terminal linked camera's live video
- Gather alarm information, alarm location, and alarm-linked video on the alarm center for centralized management and faster response
- Get a complete visual overview of your camera locations and the related live videos with map, and play videos and alarms directly on the map to quickly identify event details
- Display added maps on Live View page to check map and live video at the same time
- System Health Status function helps you monitor service, storage, and camera running status, and provides assurance of system maintenance

Physical Interfaces

Index	Name
1	PoE Interface
2	ALARM IN and ALARM OUT
3	LAN Network Interface
4	USB Interface (left: USB 3.0, right: USB 2.0)
5	HDMI™ Interface
6	RS-232 Serial Interface
7	VGA Interface
8	AUDIO IN
9	AUDIO OUT
10	GND
11	Power Input
12	Power Switch

Notes:

- PoE interface is only available for Blazer Express/16/8P, Blazer Express/16/16P, and Blazer Express/32/16P. For Blazer Express/16/16P, and Blazer Express/32/16P, there are 16 PoE interfaces available on the rear panel.

- 12 VDC power input is available for Blazer Express/16. 100 to 240 VAC power input is available for Blazer Express/16/8P, and Blazer Express/16/16P. 110 to 220 VAC power input is available for Blazer Express/32 and Blazer Express/32/16P.

- Power switch is only available for Blazer Express/16/8P, Blazer Express/16/16P, Blazer Express/32 and Blazer Express/32/16P.

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Specifications

Model	Blazer Express/16	Blazer Express/16/8P Blazer Express/16/16P	Blazer Express/32 Blazer Express/32/16P
Number of connected cameras	16		32
Number of connected ANPR cameras	4 of 16		4 of 32
Number of connected POS terminals	8		
Number of connected clients	10		
Number of connected stations	15		
Number of users	32		
Number of roles	10		
Number of areas	64		
Number of area hierarchies	2		
Number of maps	8		
Number of map hierarchies	5		
Number of hot spots	256		
Number of hot regions	7		
Number of vehicle lists	100		
Number of vehicles	10,000 (up to 5,000 per vehicle list)		
Number of configurable alarms	320		
Number of alarm categories	25		
Number of alarm priorities	255		
Number of configurable events	320		
Number of alarm logs	200,000		
Number of event logs	3,000,000		
Number of operation logs	200,000		
Number of tags	200,000		
Decoding performance (local)	2 * 4K / 12 * 1080p		
Control Client support (local & remote)	Yes		
Web Client support	Yes		
Mobile Client support	Yes		
Third-party cameras support	Yes		
Alarm management support	Yes		
Map support	Yes		
Two-way audio support	Yes		
Broadcast support	Yes		
PTZ control support	Yes		
Fisheye expansion support	Yes		
People counting report support	Yes		
Heat map report support	Yes		
Traffic flow report support	Yes		
Incoming bandwidth	160 Mbps		320 Mbps
Outgoing bandwidth	160 Mbps		
Operating system	Windows Embedded System 7		
Storage	2 HDDs connectable, up to 16 TB		4 HDDs connectable, up to 32 TB
Memory	4 GB		
SSD support	Yes (64 GB)		
Video output	1 HDMI output, 1 VGA output (independent)		
Network interface	2 ×10M/100M/1000M self-adaptive Ethernet interface		
PoE interface	N/A	8 PoE interfaces for Blazer Express/16/8P; 16 PoE interfaces for Blazer Express/16/16P	16 PoE interfaces for Blazer Express/32/16P
Provided power (PoE)	N/A	≤120 W (of 8 PoE interfaces for Blazer Express/16/8P);	≤150 W (of 16 PoE interfaces for Blazer Express/32/16P)

		≤220 W (of 16 PoE interfaces for Blazer Express/16/16P)	
USB interface	4 ×USB 2.0, 1 ×USB 3.0 (left interface on rear panel)		
Alarm in/out	4/2		
Audio in/out	1/1		
Power supply	12 VDC	100 to 240 VAC	110 to 220 VAC
Consumption (without hard disk)	≤30 W	≤30 W (No PoE interface in use)	
Working temperature	0 ºC to +45 ºC (32 ºF to 113 ºF)		
Working humidity	10% to 90%		
Chassis	19" 1U		19" 1.5U
Dimensions (W ×D ×H)	440 mm ×350 mm ×44.5 mm		440 mm ×400 mm ×66 mm
Weight (without hard disk)	5.06 kg (11.16 lb)	5.60 kg (12.35 lb) for Blazer Express/16/8P; 5.87 kg (12.94 lb) for Blazer Express/16/16P	7.62 kg (16.80 lb) for Blazer Express/32; 7.88 kg (17.37 lb) for Blazer Express/32/16P

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