

FlexCam Network Video Recorders (NVR)

totallyintegratedIPsecurity

Key Features

- Standard H.265 High Profile Compression for high quality video at lower bit rate
- 16ch Simultaneous Playback, true 4K High Definition Display
- 1x HDMI (4K), 1x HDMI (FHD) & 1x VGA (FHD) Outputs
- Support intelligent analytics with FlexCam cameras
- Support Face Detection
- Support RAID0, RAID1, RAID5, RAID6, RAID10
- 2x 1GBT Ethernet



16 HDD Bay Series



8 HDD Bay Series



1/2 HDD Bay Series

Technical Specifications

Specifications*	t128E-16	t064E-16	t064V-8	t032H-2	t016H-1
Description	FlexCam 16 HDD/128ch NVR with RAID Support	FlexCam 16 HDD/64ch NVR with RAID Support	FlexCam 8 HDD/ 64ch NVR with RAID Support	FlexCam 2 HDD/32ch NVR	FlexCam 1 HDD/16ch NVR
Operating System	Linux OS				
Camera Inputs	128ch	64ch	64ch	32ch	16ch
Video Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF			12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF	8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Network Bandwidth	768 Mbps (Incoming) 768 Mbps (Outgoing)	640 Mbps (Incoming) 640 Mbps (Outgoing)		320Mbps (Incoming) 256Mbps(Outgoing)	160Mbps (Incoming) 160Mbps (Outgoing)
Video Compression	H.264/H.265/H.265+/H.265S				
Live View Decoding	1x 16MP@30fps / 4x 12MP@30fps (main output only)			1x 12MP@20fps / 4x 1080P@30fps	1x 8MP@30fps / 6x 1080P@30fps
Playback Decoding	1x 16MP@30fps / 4x 8MP@30fps (main output only)			1x 12MP@20fps / 4x 1080P@30fps	1x 8MP@30fps / 6x 1080P@30fps
Simultaneous Playback	16ch Max				
Recording	16MP@3840fps (30fps per channel)	16MP@1920fps (30fps per channel)		12MP@640fps (20fps per channel) / 9MP@960fps (30fps per channel)	8MP@480fps (30fps per channel)
Audio Input	128ch IPC Audio Input, 1x RCA	64ch IPC Audio Input, 1x RCA	16ch IPC Audio Input, 1x RCA	32ch IPC Audio Input, 1x RCA	16ch IPC Audio Input, 1x RCA
Audio Output	1x RCA, HDMI			1x RCA	1x RCA
Video Output	HDMI1: 8K/4K/1080P/SXGA/XGA HDMI2/3: 4K/1080P/SXGA/XGA HDMI4: 1080P/SXGA/XGA VGA: 1080P/SXGA/XGA (Video output same as HDMI1)			HDMI1: 4K/1080P/SXGA/XGA HDMI2: 1080P/SXGA/XGA VGA: 1080P/SXGA/XGA (Video output same as HDMI1)	HDMI1: 4K/1080P/SXGA/XGA VGA: 1080P/SXGA/XGA
USB Interface	2x Rear (USB3.0 & USB2.0), 2x Front (USB2.0)		2x Rear (USB3.0 & USB2.0), 1x Front (USB2.0)		1x Rear, 1x Front (USB2.0)
Protocol	ONVIF, TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP				
Gigaabit Ethernet	2x RJ45				1x RJ45

Technical Specifications (Cont.)

Specifications*	t128E-16	t064E-16	t064V-8	t032H-2	t016H-1
Storage Capacity	16x 10TB SATA HDD, 2x eSATA HDD		8x 10TB SATA HDD, 2x eSATA HDD	2x 10TB SATA HDD	1x 10TB SATA HDD
RAID	RAID 0/1/5/6/10			No	No
Alarm Input / Output	24x Inputs / 8x Outputs		16x Inputs / 4x Outputs	8x Inputs / 4x Outputs	No
Remote Viewer	CMS, Web Client, Android, iOS				
Face Detection	128ch (AI by IPC) / 4ch (AI by NVR)	64ch (AI by IPC) / 4ch (AI by NVR)		32ch (AI by IPC) / 2ch (AI by NVR)	16ch (AI by IPC) / 2ch (AI by NVR)
Face Match	16ch		16ch	6ch	No
Face Comparison Capability	36 picture/sec			18 picture/sec	No
Face Comparison Alarm	Face Recognition / Stranger				No
Face Picture Database	10,000				No
Face Search	Yes				No
Human/Vehicle Classification	Yes				
License Plate Recognition	Yes (AI by IPC)				
Other VCA	Object Abandoned/Missing, Line Crossing, Region Intrusion/Entrance/Exiting, Target Counting (Human/Vehicle/Bike), Heat Map, Loitering Detection, Illegal Parking Detection				
Rack Mount Size	3U		2U	1U	No
Power	ATX-275W (50W Max, without HDD)		ATX-200W (50W Max, without HDD)	DC12V, 4A (20W Max, without HDD)	DC12V, 1.5A (10W Max, without HDD)
Dimensions, W x H x D (mm)	437.0 × 143.0 × 483.0		445.0 × 90.0 × 436.0	380.0 × 45.0 × 268.0	300.0 × 48.1 × 248.5
Operating Environment	-10°C~50°C, Up to 90% RH				

* Specifications are subject to change without prior notice.

Ordering Information

Model No.	Description
t128E-16	FlexCam 16 HDD/128ch NVR with RAID Support
t064E-16	FlexCam 16 HDD/64ch NVR with RAID Support
t064V-8	FlexCam 8 HDD/ 64ch NVR with RAID Support
t032H-2	FlexCam 2 HDD/32ch NVR
t016H-1	FlexCam 1 HDD/16ch NVR