



M3200 Series

FLIR MPX™

Megapixel Over Coax DVR

FLIR's M3200 Series DVRs use the latest HD-CVI technology, giving you the flexibility to upgrade your security systems to HD resolution using existing coax cabling. With support for both HD resolution MPX cameras plus standard analog cameras, the DVR is ideal for retrofit applications. MPX also facilitates advanced features previously unavailable over a coax cable including duplex transmission for PTZ control, audio transmission, and extended distance cable runs up to 2300 ft.

HIGH DEFINITION QUALITY

Experience outstanding Megapixel resolution

- 720p (1280x720) resolution @ Real-time (30/25fps per channel)
- 1080p (1920 x 1080) resolution @ 15/12fps per channel
- See double the detail of 960H, MPX format is compatible with HD-CVI

EASY INSTALLATION

Ideal for retrofit – upgrade to HD over existing coax

- Standard BNC connection – no networking complexities
- Upgrade analog systems to HD without the expense of re-cabling
- All-in-one DVR & Camera bundle includes the full system plus HDD

SUPERIOR PERFORMANCE

Zero latency and extended cable runs

- Smooth real-time viewing with zero video latency
- Extended cable runs of up to 2300ft (700m)
- Two-way communication over coax allows for easy connection and control of PTZ cameras (PTZ cameras sold separately)

FLIR CLOUD – QUICK & SECURE REMOTE VIEWING

Remote access via iOS, Android, PC / Mac with FLIR Cloud

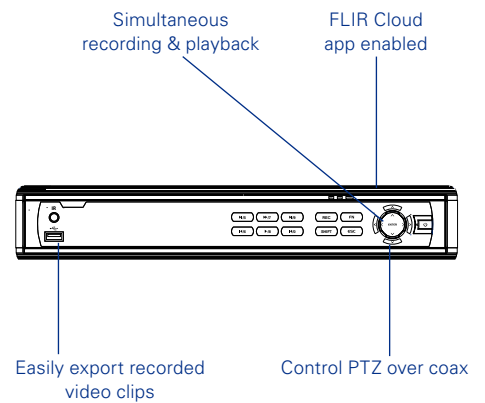
- Set up remote viewing in three easy steps: install FLIR Cloud app, scan QR code on DVR, view live video
- Multisite viewing on FLIR Cloud CMS for PC / Mac
- Cloud platform will offer premium services to receive Video Surveillance as a Service (VSaaS)



Specifications

DVR Specifications System		M3200 Series	
Operating System	Linux (embedded)		
Pentaplex	Simultaneous view, record, playback, backup & remote monitoring		
Number of Channels	4/8/16 channel — MPX or analog cameras supported		
Inputs/Outputs			
Video IN	4/8/16 x 1Vp-p, CVBS, 75ohms, BNC		
Video OUT	No		
VGA OUT	Yes		
HDMI	Yes		
Audio IN	4 channel, RCA		
Audio OUT	1 channel, RCA		
USB Port	USB 2.0 x 2 (1 at the back, 1 at the front)		
Alarm IN	4 ch: 4 Alarm IN, 8 ch: 8 Alarm IN, 16 ch: 16 Alarm IN		
Alarm OUT	3 Alarm OUT		
Video Output Resolution	1920x1080 (HDMI), 1280x1024, 1024x768		
PTZ Control	Via Coax and RS485, supports Pelco D and P		
Display			
Live Display	4 ch: 1, 4 8 ch: 1, 4, 8 16 ch: 1, 4, 8, 9, 16		
Live Display Speed	4 ch: 120 NTSC, 100 PAL 8 ch: 240 NTSC, 200 PAL 16 ch: 480 NTSC, 400 PAL		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
System Navigation	USB mouse, IR remote controller, front panel		
Motion Area Setting	Adjustable grid (22x18)		
Sensitivity	100		
Firmware Upgrade	Automatic over the Internet & via USB device and network		
User Authority	By user group		
Time Synchronization	Auto time sync by NTP server		
Recording			
Video Compression	H.264		
Audio Compression	G.711		
Recording Resolution*	NTSC: 1920x1080 (1080p), 1280x720 (720p), 960x480 (960H), 704x480 (D1), CIF (352x240) PAL: 1920x1080 (1080p), 1280x720 (720p), 960x576 (960H), 704x576 (D1), CIF (352x288)		
Recording Frame Rate (FPS)	NTSC: 4 ch: 60 @ 1080p / 120 @ 720p, 8 ch: 120 @ 1080p / 240 @ 720p, 16 ch: 240 @ 1080p / 480 @ 720p PAL: 4 ch: 48 @ 1080p / 100 @ 720p, 8 ch: 96 @ 1080p / 200 @ 720p, 16 ch: 192 @ 1080p / 400 @ 720p		
Recording Resolution Setting	Per camera for different resolutions		
Recording Quality Control	6 levels		
Recording Schedule	By hour, by day, by recording mode, by motion, by channel		
Pre Recording	Max. 30 Seconds		
Post Recording	Max. 5 Minutes		
Reliability	Watch-Dog, auto-recovery after power failure		
Covert Video	Yes		
Playback			
Playback	Single channel or quad playback		
Playback Speed	Variable Max 4x		
Playback Players	Backup Player		
Search	By time & event		
Log Search	Up to 1,000 lines for motion detected, configuration changes, connects/disconnects and video loss		
Audio Play	Yes		
Storage & Archive			
Storage	Up to 2 HDD's (SATA)		
Maximum Capacity	Up to 2x4TB		
Backup Media	USB flash drive, HDD & network		
Backup File Format	DAV or ASF file		

* 1080p MPX cameras are required to take advantage of 1080p recording. You may need to upgrade the DVR firmware to enable 1080p recording.



Specifications

DVR Specifications Cont.		M3200 Series	
Connectivity			
Cloud Connection	FLIR Cloud™		
Supported Operating Systems	Windows™, Mac OSX		
Remote Software	Client Software (PC/Mac)		
Email Notification	Text with snapshot		
Instant Smart Phone & Tablet Support	FLIR Cloud™ iPad®, iPhone®, Android™ apps		
DDNS Free	FLIR DDNS		
System Configuration	Full setup configuration over network		
Ports	Programmable by User		
Network Protocol	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter		
Network Interface	10/100-Base-TX, RJ-45		
Network Speed Control	48Kb ~ 4096Kb/sec. per camera		
DVR General Information			
Power Consumption	Approx. 15 watts (No HDD Installed)		
Supply Voltage	4/8 ch: 100VAC-240VAC, 12VDC, 2A, 50/60Hz 16 ch: 100VAC-240VAC, 12VDC, 3A, 50/60Hz		
Unit Dimensions (W x D x H)	14.7" x 11.2" x 2.2" / 375mm x 285mm x 55mm		
Unit Weight	5.2lbs / 2.4KG (without HDD)		
Operating Temperature	32° ~ 104° F / 0° ~ 40° C		
Humidity	10 ~ 90% RH		
Frames Per Second	120 (720p), 60 (1080p)		

Ordering Information

NTSC models

M32040: 8-41430-00992-4 (4ch, no HDD)
M32041: 8-41430-00993-1 (4ch, 1TB HDD)
M32042: 8-41430-00994-8 (4ch, 2TB HDD)
M32044: 8-41430-01029-6 (4ch, 4TB HDD)
M32080: 8-41430-00995-5 (8ch, no HDD)
M32081: 8-41430-00996-2 (8ch, 1TB HDD)
M32082: 8-41430-00997-9 (8ch, 2TB HDD)
M32084: 8-41430-01030-2 (8ch, 4TB HDD)
M32160: 8-41430-00998-6 (16ch, no HDD)
M32161: 8-41430-00999-3 (16ch, 1TB HDD)
M32162: 8-41430-01000-5 (16ch, 2TB HDD)
M32164: 8-41430-01031-9 (16ch, 4TB HDD)

PAL models

M32040P: 8-41430-01160-6 (4ch, no HDD)
M32041P: 8-41430-01161-3 (4ch, 1TB HDD)
M32042P: 8-41430-01162-0 (4ch, 2TB HDD)
M32043P: 8-41430-01163-7 (4ch, 3TB HDD)
M32044P: 8-41430-01164-4 (4ch, 4TB HDD)
M32046P: 8-41430-01165-1 (4ch, 6TB HDD)
M32048P: 8-41430-01166-8 (4ch, 8TB HDD)
M32080P: 8-41430-01167-5 (8ch, no HDD)
M32081P: 8-41430-01168-2 (8ch, 1TB HDD)
M32082P: 8-41430-01169-9 (8ch, 2TB HDD)
M32083P: 8-41430-01170-5 (8ch, 3TB HDD)
M32084P: 8-41430-01171-2 (8ch, 4TB HDD)
M32086P: 8-41430-01172-9 (8ch, 6TB HDD)
M32088P: 8-41430-01173-6 (8ch, 8TB HDD)
M32160P: 8-41430-01174-3 (16ch, no HDD)
M32161P: 8-41430-01175-0 (16ch, 1TB HDD)
M32162P: 8-41430-01176-7 (16ch, 2TB HDD)
M32163P: 8-41430-01177-4 (16ch, 3TB HDD)
M32164P: 8-41430-01178-1 (16ch, 4TB HDD)
M32166P: 8-41430-01179-8 (16ch, 6TB HDD)
M32168P: 8-41430-01180-4 (16ch, 8TB HDD)

Package Dimensions

14.6 x 4.5 x 12" / 370 x 114 x 305mm

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