



PDR 6160 /  
6080 / 6040

# DVR Series

## Digital Video Recorder

- MPEG-4 Noise Reduction Filter
- Live Viewing 480/400 fps
- Graphic User Interface
- Channel Editing by Mouse
- Picture in Picture
- DVD R/W Supported
- FTP Download
- Up to 2TB/4TB
- Web Interface W/Full Access



# PDR 6160



### Features

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MPEG-4



100/200 Recording



GUI



Mouse



USB



Internet



Audio



DVD/RW



NRF



Drag-n-drop



PIP



SATA



FTP

### Specifications

Digital Video Recorder (DVR)	
Type	MPEG-4
Model	PDR-6160A PDR-6160S
Channel	16
System	Standalone, Linux
Built-in DVD/CD	DVD-RW None
Removable HDD tray	1 None
Internal HDD support	1 2
HDD supported	SATAx2
External RAID	SATA Ports x 2
Recording	MPEG-4
Speed	NTSC : 120 FPS , PAL : 100 FPS
Resolution	720 x 240 (Field) / 320 x 240 (CIF)
Schedule	7 days x 24 hrs, Recording mode configurable
Audio Backup	Yes
Video Input	BNC x 16 (1Vp-p, 75 Ω)
Looping	BNC x 16 (1Vp-p, 75 Ω)
Channel Editing	Mouse drag-n-drop
Video Out	1 BNC (1Vp-p, 75 Ω)
VGA Output	800 x 600 image enhancement VGA engine
Split screen	4, 8, 9, 13, 16, PIP
Spot	Spot with quad output
Alarm	Alarm in x 16 / Alarm outputs x 2 (NO/NC)
Motion	Motion grid 30 x 24 each channel, 8 sensitivities
Pre-recording	Pre-alarm recording (up to 160 images)
Accessories	Remote controller addressable up to 255 DVRs
P/T/Z protocol	Multi-Protocol, remote controllable via Web
Keyboards	Keyboard addressable up to 255 DVRs
Jog & shuttle	FF, FR, Step, Instant rewind, Menu setup
Mouse support	USB/PS-2, drag-n-drop, right-mouse-click, mouse wheel
Audio	RCA x 4 input / RCA x 1 output (0.7Vp-p, 300 Hz to 3KHz)
Network	Direct Internet browser access / Multiple user access / Free NVR / Audio
Remote firmware upgrade	Yes
Web	Live / Event log & Time search playback / AVI / Snapshot
Audio	One-way Audio
Mobile/PDA Support	None
DST	Yes
Language Support	Chinese, English, Spanish, Danish, Swiss, Norwegian, Arabic, Japanese, German, French Polish
Power	AC 110V ~ 220V Max, 135W
Dimension	434mm(w) x 411.4mm(d) x 88mm(h)

Design and specifications are subject to change without notice.



# PDR 6080



### Features

- MPEG-4 Noise Reduction Filter
- Live Viewing 480/400 fps
- Graphic User Interface
- Channel Editing by Mouse
- Picture in Picture
- DVD R/W Supported
- FTP Download
- Up to 2TB/4TB
- Web Interface W/Full Access

MPEG-4	100/200 Recording	GUI	Mouse	USB
Internet	Audio	DVD/RW	NRF	Drag-n-drop
PIP	SATA	FTP		

### Specifications

Digital Video Recorder (DVR)	
Type	MPEG-4
Model	PDR-6080A PDR-6080S
Channel	8
System	Standalone, Linux
Built-in DVD/CD	DVD-RW None
Removable HDD tray	1 None
Internal HDD support	1 2
HDD supported	SATAx2
External RAID	SATA Ports x 2
Recording	MPEG-4
Speed	NTSC : 120 FPS , PAL : 100 FPS
Resolution	720 x 240 (Field) / 320 x 240 (CIF)
Schedule	7 days x 24 hrs, Recording mode configurable
Audio Backup	Yes
Video Input	BNC x 8 (1Vp-p,75 Ω)
Looping	BNC x 8 (1Vp-p,75 Ω)
Channel Editing	Mouse drag-n-drop
Video Out	1 BNC (1Vp-p,75 Ω)
VGA Output	800 x 600 image enhancement VGA engine
Split screen	4, 9, PIP
Spot	Spot with quad output
Alarm	Alarm in x 8 / Alarm outputs x 2 (NO/NC)
Motion	Motion grid 30 x 24 each channel, 8 sensitivities
Pre-recording	Pre-alarm recording (up to 160 images)
Accessories	Remote controller addressable up to 255 DVRs
P/T/Z protocol	Multi-Protocol, remote controllable via Web
Keyboards	Keyboard addressable up to 255 DVRs
Jog & shuttle	FF, FR, Step, Instant rewind, Menu setup
Mouse support	USB/PS-2, drag-n-drop, right-mouse-click, mouse wheel
Audio	RCA x 4 input / RCA x 1 output (0.7Vp-p, 300 Hz to 3KHz)
Network	Direct Internet browser access / Multiple user access / Free NVR / Audio
Remote firmware upgrade	Yes
Web	Live / Event log & Time search playback / AVI / Snapshot
Audio	One-way Audio
Mobile/PDA Support	None
DST	Yes
Language Support	Chinese, English, Spanish, Danish, Swiss, Norwegian, Arabic, Japanese, German, French Polish
Power	AC 110V - 220V Max, 135W
Dimension	434mm(w) x 411.4mm(d) x 88mm(h)

Design and specifications are subject to change without notice.



# PDR 6040



## Features

- MPEG-4 Noise Reduction Filter
- Live Viewing 480/400 fps
- Graphic User Interface
- Channel Editing by Mouse
- Picture in Picture
- DVD R/W Supported
- FTP Download
- Up to 2TB/4TB
- Web Interface W/Full Access



MPEG-4



100/200  
Recording



GUI



Mouse



USB



Internet



Audio



DVD/RW



NRF



Drag-n-drop



PIP



SATA



FTP

## Specifications

Digital Video Recorder (DVR)	
Type	MPEG-4
Model	PDR-6040A PDR-6040S
Channel	4
System	Standalone, Linux
Built-in DVD/CD	DVD-RW None
Removable HDD Tray	1 None
Internal HDD support	1 2
HDD supported	SATAx1 SATAx2
External RAID	SATA x 1
Recording	MPEG-4
Speed	NTSC : 120 FPS , PAL : 100 FPS
Resolution	720 x 240 (Field) / 320 x 240 (CIF)
Schedule	7 days x 24 hrs, Recording mode configurable
Audio Backup	Yes
Video Input	BNC x 4 (1Vp-p, 75 Ω)
Looping	None
Channel Editing	Mouse drag-n-drop
Video Out	1 BNC (1Vp-p, 75 Ω)
VGA Output	800 x 600 image enhancement VGA engine
Split screen	4, PIP
Spot	None
Alarm	Alarm in x 4 / Alarm outputs x 2 (NO/NC)
Motion	Motion grid 30 x 24 each channel, 8 sensitivities
Pre-recording	Pre-alarm recording (up to 160 images)
Accessories	Remote controller addressable up to 255 DVRs
P/T/Z protocol	RS-232
Keyboards	None
Jog & shuttle	None
Mouse support	USB/PS-2, drag-n-drop, right-mouse-click, mouse wheel
Audio	RCA x 4 input / RCA x 1 output (0.7Vp-p, 300 Hz to 3KHz)
Network	Direct Internet browser access / Multiple user access / Free NVR / Audio
Remote firmware upgrade	Yes
Web	Live / Event log & Time search playback / AVI / Snapshot
Audio	One-way Audio
Mobile/PDA Support	None
DST	Yes
Language Support	Chinese, English, Spanish, Danish, Swiss, Norwegian, Arabic, Japanese, German, French Polish
Power	AC 110V ~ 220V Max, 135W
Dimension	434mm(w) x 364.3mm(d) x 52.8mm(h)

Design and specifications are subject to change without notice.



# DVR SERIES

## PDR 6160 / 6080 / 6040 SERIES

### Free CMX



#### Remote Device Manager

- Remote alarm setup
- Remote device setup
- Remote device status



#### NVR Central

- H.264 AVC full D1 / HD recording
- User access level
- Group monitoring
- Smart search
- PTZ control
- Audio monitoring



#### Database Manager

- Event and alarm management
- Network status report
- Database maintenance
- Database import & export
- Reports



#### eMap Manager

- eMap
- Live monitoring alarm triggering
- Alarm snapshots
- Device find
- PTZ control

## File Backup

- HTTP or FTP download
- HTML file download
- USB flash disk
- DVD/RW
- AVI or MPEG4 file



DVD / RW



MPEG - 4 file



USB 2.0 Port



AVI

## Hard Disk Recording Table

Recording Quality	Very High		High		Normal		Low	
Picture Size	8.2	KB/Plc	5.8	KB/Plc	2.9	KB/Plc	1.6	KB/Plc
120GB	1.8	Days	2.5	Days	5.0	Days	9.1	Days
250GB	3.7	Days	5.2	Days	10.5	Days	19.0	Days
400GB	5.9	Days	8.4	Days	16.7	Days	30.3	Days
500GB	7.4	Days	10.5	Days	20.9	Days	37.9	Days
750GB	11.1	Days	15.7	Days	33.0	Days	56.9	Days
1000GB	14.8	Days	20.9	Days	41.8	Days	75.9	Days
2000GB	29.6	Days	41.8	Days	83.7	Days	151.7	Days
4000GB	59.2	Days	83.7	Days	167.4	Days	303.4	Days

## HDD Support

- SATA RAID supported
- HDD compatible with Western Digital & Seagate



## System Architecture

