

# TOMARA

## 9300 Series

CE FCC LVDS

# DVR Standalone H.264

4-CH Hi-Speed Network NVR



- Support 4CH 1080P/720P/D1 IP input
- Intuitive and user-friendly Graphic User Interface(GUI), Windows style, operation by mouse
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Multi-mode recording: manual, timer, motion, sensor
- Playback: 4CH simultaneous playback
- Search: time/calendar, events(alarm, motion)
- Express and flexible backup via USB, network or DVD-RW(Sata)
- Pentaplex: live, record, playback, backup and remote operation
- DHCP, DDNS, PPPoE Network protocol, IE browse and CMS supported
- Dual stream technology to encode recording stream and network stream respectively. User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- HDMI 1080P output
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting Windows phone, iPhone, Blackberry, Symbian. Compatible with 3G
- Complete SDK function, easy to integrate with other applications

Model	PS-9804N	
System	Compression	H.264
	CPU	Cortex A9 Dual Core
	OS	Embedded Linux
Video	Video Output	HDMI 1080P, VGA 1080P, BNC Spot out*1
	IP INPUT	1080P 2CH@30FPS, 4CH@15FPS 720P 4CH@30FPS D1 4CH@30FPS
Audio	Output	RCA x 1
	2-way audio	RCA x 1
Record	Resolution	1080P/720P/D1
	Frame Rate	1~25fps/CH(PAL) , 1~30fps/CH(NTSC)
	Bit Rate	128K~12Mbps
	Encode	VBR/CBR
	Quality	5 Level
	Mode	Manual, Timer, Motion, Sensor
Playback	File Manager	Lock, unlock, reserving time, redundancy
	Playback	4CH
	Search	Time/calendar search, event (motion, external alarm)
	Smart Search	Apply different colors to display whether a channel in a period of time recording or not
Alarm	Function	Play, Pause, FF, FB, Shuttle control, Jog; Digital zoom
	Mode	Sensor, Motion, Video Loss
	Input	4CH
	Output	1CH
	Triggering	Record, PTZ move, alarm out, e-mail, etc.
Network	Interface	RJ45
	Protocol	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-mail
	Others	10 users online, dual stream
	OS	"SuperLive" for iOS, Android, BB, Symbian, WM
Port	Function	Multi-screen surveillance(for certain model), snapshot, PTZ control, save the device list record,
	HDD	SATA x 2
	RS485	RS485 x 1, support PTZ and keyboard
	USB	USB2.0 x 2, one for mouse, another for USB backup device
	Remote Controller	Yes
Others	Power Supply	DC : 12V
	Dimensions	430mm * 300mm * 55mm (W * D * H)
	Working Environment	0~50 °C, 10%~90% Humidity



# TOMARA

## 9300 Series

CE FCC LVDS

# DVR Standalone H.264

16-CH Hi-Speed Network NVR



# PS-9816N

- Support 16CH 1080P/720P/D1 IP input
- Intuitive and user-friendly Graphic User Interface(GUI), Windows style, operation by mouse
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Multi-mode recording: manual, timer, motion, sensor
- Playback: 16CH simultaneous playback
- Search: time/calendar, events(alarm, motion)
- Express and flexible backup via USB, network or DVD-RW(Sata)
- Pentaplex: live, record, playback, backup and remote operation
- DHCP, DDNS, PPPoE Network protocol, IE browse and CMS supported
- Dual stream technology to encode recording stream and network stream respectively. User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- HDMI 1080P output
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting Windows phone, iPhone, Blackberry, Symbian. Compatible with 3G
- Complete SDK function, easy to integrate with other applications

Model	PS-9816N	
System	Compression	H.264
	CPU	Cortex A9 Dual Core
	OS	Embedded Linux
Video	Video Output	HDMI 1080P, VGA 1080P, BNC Spot out*1
	IP INPUT	1080P 4CH@30FPS, 16CH@7FPS 720P 8CH@30FPS, 16CH@15FPS D1 16CH@30FPS
Audio	Output	RCA x 1
	2-way audio	RCA x 1
Record	Resolution	1080P/720P/D1
	Frame Rate	1~25fps/CH(PAL), 1~30fps/CH(NTSC)
	Bit Rate	128K~12Mbps
	Encode	VBR/CBR
	Quality	5 Level
Playback	Mode	Manual, Timer, Motion, Sensor
	File Manager	Lock, unlock, reserving time, redundancy
	Playback	16CH
	Search	Time/calendar search, event (motion, external alarm)
Alarm	Smart Search	Apply different colors to display whether a channel in a period of time recording or not
	Function	Play, Pause, FF, FB, Shuttle control, Jog; Digital zoom
	Mode	Sensor, Motion, Video Loss
	Input	16CH
Network	Output	1CH
	Triggering	Record, PTZ move, alarm out, e-mail, etc.
	Interface	RJ45
	Protocol	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, E-mail
Mobile	Others	10 users online, dual stream
	OS	"SuperLive" for iOS, Android, BB, Symbian, WM
Port	Function	Multi-screen surveillance (for certain model), snapshot, PTZ control, save the device list record,
	HDD	SATA x 2
	RS485	RS485 x 1, support PTZ and keyboard
	USB	USB2.0 x 2, one for mouse, another for USB backup device
Others	Remote Controller	Yes
	Power Supply	DC : 12V
	Dimensions	430mm * 300mm * 55mm (W * D * H)
	Working Environment	0~50 °C, 10%~90% Humidity

