

Parameter function of NVR

Note: Only the NVR connect IPC by NETIP, will NVR has this function.

1. Go to System->IPC param. To check this function

The screenshot shows the NVR's main settings interface. At the top, there are five tabs: Record, Event, System (selected), Advanced, and Info. The System tab is active, showing a left-hand menu with options like General, Encode, Network, NetService, DISPLAY, RS232, PTZ Config, Tour, IPC param. (selected), and XVI settings. The main area displays various system parameters:

- Time Zone: [UTC+08:00]Beijing,Urumqi,Taipei,Sir
- System Time: 2019 - 09 - 26 11 : 18 : 15
- Date Format: YYYY MM DD
- Date Separator: -
- Time Format: 24-HOUR
- Language: ENGLISH
- Storage Full: Overwrite
- DVR No.: 0
- Video Standard: NTSC
- Auto Logout: 0 min
- Machine Name: LocalHost

At the bottom right, there are three buttons: OK, Cancel, and Apply.

2. The meaning of all parameters.

The screenshot shows the 'General > IPC param.' settings dialog. It contains various camera parameters:

- Channel: 10
- Exposure mode: Auto
- AE reference: 50
- day/night mode: Star Light Infra
- Image style: Style 2
- IR_Cut: Light board sw
- AE Sensitivity: 5 (slider)
- Automatic Gain:
- WDR:
- Defogging:
- Corridor mode:
- DayNTLevel: 3
- Mirroring:
- Anti flicker:
- prevent exposure:
- Minimum time: 0.256
- Maximum time: 65.536 millisecond
- Defaults: 50
- Dnc Threshold: 30 (slider)
- Profiles: automatic
- BLC:
- Auto Iris:
- Upper limit: 50
- Upper limit: 50
- grade: 50
- Slow shutter: weak
- NightNTLevel: 3
- Overturn:
- IRSwap:
- Volume regulate: 50 (slider)

At the bottom, there are four buttons: Update, Restore, OK, and Cancel.

Name	Range	Default Parameter	Meaning
Exposure mode	Auto Manual_1/50 Manual_1/120 Manual_1/250 Manual_1/500 Manual_1/1000 Manual_1/2000 Manual_1/4000 Manual_1/10000	If you choose AUTO, it will automatic adjust between 0.256-65.536ms to suitable different scenes.	1/50=0.02s=20ms,the exposure time more longer, the image more brighter.
AE reference	0-100	50	Only set exposure mode as AUTO, this one can be configured.
daynightmode	automatic color Black and white	Automatic, the image can be color or B&W depending on the light.	Color: the image will always be color; B&W: the image will always be B&W;
IR_CUT	IR Synchronous Switch Automatically switch	IR Synchronous Switch, switch by condition of IR light	Auto switch, switch by the condition of Camera.
Image Style	Style 1 Style 2 Style 3	Style 2	Style 1:suppress the strong light Style 3:the suppress will be stronger
Profiles	automatic indoor outdoor	Aautomatic	
ICR Threshold	0-100	30	The threshold of switch the day/night mode.
BLC		Disable	Black Light Compensation
AE Sensitivity	1-10	5	If the camera need to be adjusted to adapt to the new environment depending the light change. The higher the sensitivity, the switch will be faster.
Auto Iris		Disable	Only work when the

			camera has auto iris function.
Automatic Gain	Upper limit 0-100	Enable Upper limit=50	Enable in low illumination will improve the image brightness.
WDR	Upper limit 0-100	Disable Upper limit=50	See the comparison of brightest and darkest part of image clearly.
Defogging	Grade=50	Disable	
Corridor mode		Disable	
Slow shutter	no weak in Strong	weak	Longer the exposure time
DayNTLevel	0 1 2 3 4 5	3	3D Noise Reduction level in color image.
NightNTLevel	0 1 2 3 4 5	3	3D Noise Reduction level in B&W image.
Anti-flicker		Disable	Enable when the light came from fluorescent, can remove stripe. For PAL it only works with 50 Hz light; For NTSC it works with 60Hz light.
IR Swap		Disable	If the image is reddish or green, you can enable it to fix.