



**IVR**  
Embedded Windows

# intelligent video recorder

## Embedded Solutions Key to Video Content Analysis

**TONIKA** IVR-Intelligent Video Recorder provides Hybrid solutions for IP and analog surveillance cameras to work together within the same system. Supporting 3Gpp and major remote devices, instant viewing through mobile handphone is made possible. With the Optional IP+ version software, magnifying any details with mega pixel solutions is made simple.

**TONIKA** IVR open platform solution allows installation of the latest IP cameras from different manufacturers like VIVOTEK, AXIS, IQVision, Panasonic, Sony, Canon, ACTI, Mobotix, Infinova, etc.

Powered by **Embedded Windows OS (XPE)**, **TONIKA** IVR offers high speed CPU processing to achieve real time Video Analysis for all the videos recorded inside the system.

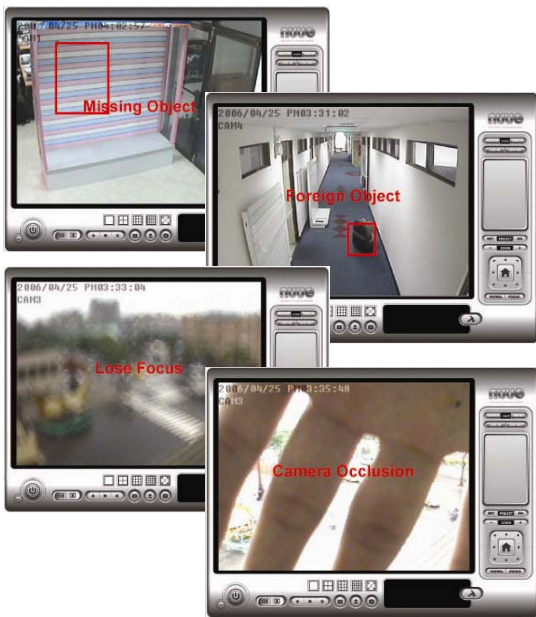


### IP+ Surveillance Management System (Optional)

- Manage up to 64+ channels from IP Cameras
- Provide Mega Pixel Solutions
- HD quality definition

### SMART GUARD SYSTEM

Smart Guard System provide Video Analytics software for General Motion, Missing Object, Foreign Object, Lose Focusing, Camera Occlusion, Signal Lost and Object Counting applications.



### HyBrid IP Video + Analog Video

Combine IP Video and Analog Video and managed under same software and recording system.

### 3Gpp Mobile-Phone Viewing

Remote view any cameras over 3G or Wi-Fi network with ease from your mobile hand set anywhere anytime

Video Preview

Options	Runtime	Result
<input type="radio"/> 1 Way Counting	<input checked="" type="checkbox"/> Show counting result	In: 0
<input checked="" type="radio"/> 2 Way Counting	<input checked="" type="checkbox"/> Show object bounding box	Out: 1
Sensitivity <input type="range"/>	Reset every <input type="text" value="30 mins"/>	

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“E” - Enterprise Series

FEATURES	E16-IP	E32-IP	E3016	E3032	E3016IP
Operating System	Embedded Windows XPE Intel P4 Processor				
Analog Video CH	NA	NA	16	32	16
IP Video CH	16	32	NA	NA	16
Hard Disk Storage	1000GB	1000GB	1000GB	1000GB	1000GB
Video Compression	MPEG4 / MJPEG				
Types of Cameras	VIVOTEK / AXIS / SONY / PANASONIC / BOSCH / CANON / IQVISION / JVC / SANYO / TOSHIBA / MOBITIX / SAMSUNG / ARECONT VISION / D-LINK / INFINOVA / ZAVIO / CIEFFE			ANALOG VIDEO CAMERAS  BOTH IP + ANALOG CAMERAS	
Audio Support	Unlimited / 2 Way Audio				
Monitoring Mode	1,4,6,9,10,13,16,18,25,36,49,64 divided screen / Rotation Window				
Recording	Continuous recording / Record by Event / Record by Schedule / Record by Motion Record with Audio / Auto Recycle Support				
Recording FPS	approx. 30 FPS ( Subject to Bandwidth )		NTSC 120fps / PAL 100fps		
Video Resolution	NTSC : 320x240 , 640x240 , 640x480 , 720x480 PAL : 320x240 , 640x240 , 640x480 , 720x576				
Video Analytics	Missing Object / Foreign Object / Lose Focusing / General Motion / Camera Occlusion / Signal Lost				
Object Counting	One & Two Way Counting Application				
Alerting	Email / Phone Call / Sound Playing / IO control / Alert on screen				
Playback	Simultaneous Playback 16 Channel / Search mode with Analytic Feature / Video Enhancement tools support				
Intelligent Search	Intelligent Search for General Motion , Missing Objects & Foreign Objects				
Remote	Remote live view client 16 Channel / Remote Playback client 16 Channel / IE Browser Client				
DDNS	Support Dynamic IP Address & Static IP Address for Remote Access				
Mobile-Phone	Support 3GPP Mobile Phone viewing via RTSP Real-Player				
User Account	Password restriction on user rights				
Mega-Pixel	( Optional-Not Included ) IP+ Software Upgrade for Mega-Pixel Camera				
Main Monitor	SVGA				
Dimension	(E) - 450x180x510 (WxHxD)mm				
Weight	(P) - 8.0 kg (E) - 20.0 kg				
Operating Temperature	5 to 35 degree C ( 41 to 95 degree F )				
Electrical	100 to 240 VAC				