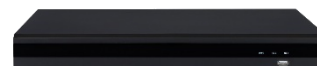# HD TVI DVR

FT-3000 Series

Analog High Definition DVR (4M Half)

FOCUS H&S

- **TVI/analog camera support**
- **Over 400m transmission with 5c-2v cable**
- **ezP2P™** Cloud Service without any complicated network setting
- 2 x Typical **PUSH Functions**
- PUSH Video Call to iPhone/iPad & Android Phone
- PUSH Network Connection under Sensor Event
- **POS Function** up to 4 sets of POS Devices
- **Startup Wizard** for Easy Configuration
- Remote Monitoring by Remote S/W(UVMS) & Smart Phone
- **Talk-Back Function** for 2-way communication with Smart Phone

[FT-3004 / FT-3008]

[FT-3016]

MODEL		FT-3004 (4 Ch)	FT-3008 (8 Ch)	FT-3016 (16 Ch)
Compression Algorithm		Video : H.264/H.265 , Audio : ADPCM		
Max. HDD Bay		1 x SATA HDD	1 x SATA HDD	2 x SATA HDD
Operating System		Embedded Linux		
Video	Input	4 Ch	8 Ch	16 Ch
	Format	TVI, AHD, SD		
	Loop-Out	Not Available		
Video Mode		NTSC / PAL		
Live Display (NTSC/ PAL)		120/100 fps	240/200 fps	480/400 fps
Screen Modes for Live Display		1 & 4	1, 4, 6 & 9	1, 4, 6, 9, 10, 13 & 16
Video-Out	HDMI	800x600, 1024x768, 1280x1024, 1920x1080, 2560x1440, 3840×2160 (4K)		
	VGA	800x600, 1024x768, 1280x1024, 1920x1080		
	Spot(CVBS)	720x480		
Recording Speed	960x480/576(960H)	120/100 fps	240/200 fps	480/400 fps
	1280x720 (HD)	120/100 fps	240/200 fps	480/400 fps
	1920x1080 (FHD)	120/100 fps	240/200 fps	480/400fps
	2560x1440 (QHD)	60/50 fps	120/100 fps	240/200fps
Recording Resolution	HD	1280x720, 1920x1080, 2560x1440		
	NTSC	352x240, 720x240, 720x480, 960x480		
	PAL	352x288, 720x288, 720x576, 960x576		
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording		
		Pre & Post Alarm Recording, Emergency Recording, Quick Backup		
Playback & Search	Speed	x1, x2, x4, x8, x16, x32		
	Screen Mode	1 & 4	1, 4, 6 & 9	1, 4, 6, 9, 10, 13 & 16
	Function	Intelli-Search by Time Bar, Calendar (Date & Time) and Event Search		
Audio Input / Output		4 Ch / 1 Ch + HDMI Audio out		
Alarm Input / Relay Output		4 Ch / 1Ch		
P/T/Z Control (RS-485)		Virtual Joy-Stick Control on screen by Mouse		
		Pan/Tilt/Zoom/Focus/Iris by Keyboard		
LAN		Gigabit Ethernet (RJ45)		
		Fixed IP, DHCP & DDNS		
Network Function		1) Dual-Stream (Local Recording & Network Transmission) 2) Network Bandwidth Control (25 Kbps ~ 1000 Mbps) 3) Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote) 4) Time Synchronization by NTP Server ("pool.ntp.org") 5) Remote & E-Mail Notification, Remote System Reboot by IE, Remote PTZ Control 6) P2P Cloud Service (Auto Port forwarding)		
Remote Management	Software	UVMS & MV3000 (Mobile App)		
	Web (IE)	Live Monitoring, Playback & System Configuration		
Backup Device	Internal	None		
	External	Local Backup by USB ODD, Network Backup by CMS, File Upload to FTP Server		
System Recovery after Power Failure		Auto-Reboot and Journaling File System		
Advanced Functions		1) Firmware Upgrade by USB & CMS over Network 2) Import & Export of Setting Value, Water-Mark, AVI File Backup 3) Quick Setup to designate Recording Period 4) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period) 5) Warning Alarm for System Over-Temperature 6) Help Message for easy setup & Multi-Language support 7) Digital Zoom for both Live & VOD mode		
POS		Text-in Based (USB to Serial support, TCP/IP Network) / Display POS Data on Live & Playback		
System Operation		USB Mouse, Keyboard (Option)		
Power		12V x 1.5A D/C	12V x 3.3A D/C	12V x 5A D/C
Operating Temperature and Humidity		5~40 ℃ / 20~90% RH		
Dimension (WxDxH)		315 × 242 × 45 mm (1U)	315 × 242 × 45 mm (1U)	385 × 315 × 48 mm (1U)
Certification		CE & FCC & KCC & WEEE, RoHS		

(∗) Specification is subject to change without prior notice.