

TR-2616

DirectCX 16channel H.265 Hybrid Recorder

NDAA & TAA Compliant



16-CHANNEL HYBRID RECORDER INTEGRATING ANALOG AND IP SYSTEMS

The TR-2616 is a 16-channel hybrid recorder that supports existing analog infrastructures (HD-TVI, AHD, CVBS) alongside high-resolution IP cameras, allowing for flexible system configurations. It enhances storage efficiency through H.265 compression and Intelligent Codec, supporting 4K display output and up to 12MP IP camera recording for precise monitoring. With two SATA slots providing up to 12TB of capacity, it offers remote management features including mobile push notifications and two-way audio. This recorder is ideal for small to medium-sized commercial facilities and offices requiring a phased transition from analog to IP-based security systems.

KEY FEATURES

- Supports Multi Standard Analog Camera and IP Camera
- Supports Dedicated Network Port for IP Cameras
- Up to 240ips Full HD recording
- H.265 encoding , Intelligent Codec Support
- Up to 5MP Analog Camera support
- UHD Display with HDMI output
- Supports OSD control over Coax
- Expandable up to 12TB using 2 SATA interfaces
- Supports one click network configuration through FEN service

TR-2616 | Datasheet

VIDEO

Video Inputs	16 Channels (16 BNC, 1 RJ45 : Up to 8 IP Cameras Switchable)
Supported Camera	HD-TVI : 5MP, 4MP, 1080P, 720P AHD : 5MP, 4MP, 1080P, 720P CVBS : NTSC / PAL IP (DirectIP, IDIS) : Up to 12MP(Depending on IP Camera)
Video Outputs	1 HDMI, 1 VGA
Display Resolution	HDMI : 3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200 VGA : 1920 x 1080, 1680 x 1050, 1600 x 1200
Display Speed	Up to 480ips
Digital Zoom	x2 ~ x12

RECORDING

Recording Resolution	1280x1920, 1280x1440, 1920x1080, 1280x720, 720x576, 720x480, 640x360, 720x288, 720x240, 360x288, 360x240
Video Compression	Analog : H.265, Intelligent Codec IP : H.265, H.264, Intelligent Codec
Recording Mode	Time-Lapse, Event, Pre-Event, Panic
Trigger Event	Motion, Tampering, Video Loss, Alarm In, Network Alarm, Text-in, System, Etc.

PLAYBACK

Performance	16ch synchronous playback
Search Mode	Time-lapse, Event Log, Text-in
Digital Zoom	x2 ~ x12

STORAGE

HDD	SATA x 2
Total Capacity	12TB=6TB x2

NETWORK

Client Connection	Gigabit Ethernet x1
Transmission Speed	50Mbps
Event Notification	Email (attach clip cbf, mp4), Callback to Remote S/W, Push (IDIS Mobile), FTP, HTTP
Two-way Audio	Yes

INTERFACE

Audio In / Out	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	8 / 1
Alarm Reset In	-
Serial Interface	RS232 / RS485(Terminal Block)
USB	USB 2.0 x 2(Front x 2)
User Interface	Mouse, Network Remote Keyboard

GENERAL

Operating System	Embedded Linux
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ENVIRONMENTAL

Operating Temperature	0°C to 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%

ELECTRICAL

Power Input	Adaptor Input : 100-240V AC, 50/60Hz, 1.5A Output : 12V DC, 5A
Power Consumption	12V=, 2.79A, 33.48W
Approval	FCC, CE, KC

MECHANICAL

Unit Dimensions (W x H x D)	340mm x 44mm x 302.3mm (13.4" x 1.7" x 11.9")
Unit Weight	3.3kg [7.27lb] (with 2 HDD)

DIMENSIONS

(Unit - mm)

