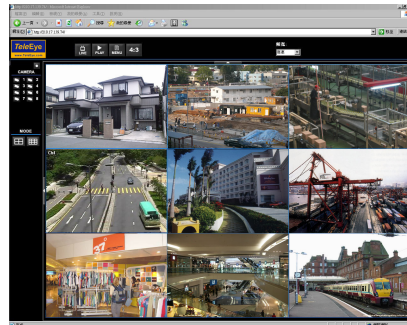


Powerful Features with Simple Configurations



TeleEye RN680 Series

TeleEye RN680 Series covers a full range of feature-rich and easy-to-use 4-, 8- and 16- channel digital video recorders. With the MPEG-4 compression and full-feature video recording, TeleEye RN680 Series guarantees smooth and crystal clear video quality on both live monitoring and recording.

TeleEye RN680 Series is designed to support up to 2 internal hard drives for enhancing the storage capacity and providing longer recording duration. Its built-in CD writer enables fast video footage extraction for evidential purpose.

TeleEye RN680 Series equips with powerful features and easy-to-use operation, and is suitable for a wide range of applications from retail outlet, factory, property management and public utilities installations.

Features

- 4, 8 or 16 video & alarm input models
- Resolution up to 720x576 / 720x480 pixels
- Video compression: MPEG-4
- Recording rate up to 100/120fps
- Simultaneous recording, playback & network operation
- Main monitor & call monitor output
- VGA output (optional)
- Support TCP/IP, DHCP & DDNS network
- Support up to 2 internal hard drives
- Built-in CD writer & USB interface for video extraction
- Schedule, alarm, motion detection & remote recording
- Fast & easy search for recorded video
- Accessible through web browser
- Telemetry control
- Administrator & access control



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Specifications

| MODEL | | RN684 | RN688 | RN6816 |
|------------------------------|----------------|---|--------------------------|---------------------|
| VIDEO INPUT | | | | |
| STANDARD | | (P): PAL/CCIR, 625 lines, 25 frames per second (N): NTSC/EIA, 525 lines, 30 frames per second composite video, 1 Vp-p, BNC, switchable | | |
| NO. OF CHANNELS | | 4 | 8 | 16 |
| VIDEO OUTPUT | | | | |
| STANDARD | MAIN MONITOR | BNC x 1, 1.0 Vp-p, 75ohm | | |
| | CALL MONITOR | - | BNC x 1, 1.0 Vp-p, 75ohm | |
| | VGA (OPTIONAL) | 800x600, 1024x768, 1280x1024 pixels | | |
| RECORDING | | | | |
| MODE | | Schedule, Motion, Alarm, Remote | | |
| HD TYPE | | IDE interface, ATA66, 2 internal | | |
| MAX. RECORDING RATE | | D1 (PAL: 25fps at 720x576 pixels / NTSC: 20fps at 720x480 pixels) Half D1 (PAL: 720x288 pixels / NTSC: 720x240 pixels) CIF (PAL: 100fps at 360x288 pixels / NTSC: 120fps at 360x240 pixels) | | |
| PLAYBACK | | 1X, 2X, 4X, 8X, 16X, 32X | | |
| COMMUNICATION | | | | |
| NETWORK | | TCP/IP, DHCP, DDNS | | |
| VIDEO COMPRESSION | | MPEG-4, Advanced Simple Profile | | |
| USB | | Yes | | |
| EVENT HANDLING | | | | |
| ALARM INPUTS / OUTPUTS | | 4 inputs, 1 output | 8 inputs, 1 output | 16 inputs, 1 output |
| POWER | | | | |
| VOLTAGE | | External Adapter, AC 100~240V to DC 12V | | |
| MAX. RATING | | 96W | | |
| OPERATING ENVIRONMENT | | | | |
| AMBIENT TEMPERATURE | | 0°C - 40°C | | |
| RELATIVE HUMIDITY | | 30% ~ 90% (no condensation) | | |
| MECHANICAL DESIGN | | | | |
| DIMENSION | | 440mm (W) x 50mm(H) x 340mm (D) | | |
| NET WEIGHT | | 4.9kg | | |

Recording Duration (Days) of TeleEye RN688

| D1 (720 x 576 pixels) | | HD1 (720 x 288 pixels) | | CIF (360 x 288 pixels) | | - 8 cameras recording - HDD: 500GB - Moderate amount of motion - Best picture quality - Testing model: RN688 |
|-----------------------|------|------------------------|------|------------------------|------|--|
| fps | Days | fps | Days | fps | Days | |
| 25 | 12 | 50 | 7 | 100 | 9 | |
| 12 | - | 25 | 15 | 50 | 17 | |
| 8 | 29 | 8 | 36 | 8 | 54 | |

PC Requirements

CPU: Pentium IV 2GB or above
RAM: 512MB or above
OS: MS Windows 2000, XP



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