

# ***HD-SDI Gateway for HD CCTV***

# ***SDT-3000***

***Simple & Professional***



## **MAIN FEATURES**

- HD-SDI Gateway for Full HD Quality CCTV
- Multiplexing & Compressing 8 HD-SDI Input Signals of HD CCTV Cameras
- Multiplexing 8 HD CCTV Videos to Single Output to Reduce the Cost of Installation and Construction
- Supports Full HD CCTV without High Cost of IP CCTV Network by Using Existing Coaxial Cable
- Selectable Video Quality to Control the Number of Channels and Saving Storage Cost
- Supports Installation of Centralized Monitoring System
- Supports Local Monitoring for Each HD-SDI Gateway
- Integration with Various CMS/VMS Solutions
- No complex IP Set Up Required to Install Full HD CCTV
- Eliminate Overloading of IP Network by Using Coaxial Cable

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# HD-SDI Gateway for HD CCTV service

## SDT-3000

### OVERVIEW

HD-SDI Gateway(Model: SDT-3000) from ADR LABS is the innovative solution to install Full HD CCTV system without replacing existing coaxial cables of analog CCTV

SDT-3000 receives 8 Full HD CCTV Cameras (1080p) via HD-SDI to multiplex and compress for a single output. This single output has an ability to transmit a long distance of 400 meters and results in saving costs of installation and construction significantly. Local monitoring system can also be supported.

In addition, it is highly easy to install using existing coaxial cable unlike IP CCTV. 4 SDT-3000 in series can cover 1.6Km radius with Full HD quality videos and supports high quality(1080p/30fps) Recording / Playback. This high quality video surveillances will prevent crimes and be very effective to collect evidences compare to low quality DVR.

Particularly, it will allow users to save big cost for installing and constructing Full HD quality CCTV systems such as IP CCTV. It can eliminate overloading IP network issue by using existing coaxial cables.

CMS, VMS and NVR in the current market can be integrated with SDT-3000 and some sites with the combination of IP CCTV and HD-SDI CCTV can also use SDT-3000 to have Full HD CCTV system.

### SPECIFICATIONS

#### Inputs

HD-SDI and DVB-ASI (Transport Stream)	
75 Ohms BNC, configurable as HD-SDI	8 EA
75 Ohms BNC, configurable as DVB-ASI	1 EA
UART / DB9	1 EA

#### Outputs

Server Transmission	
75 Ohms BNC, configurable as DVB-ASI	1 EA
Local Monitoring	
75 Ohms BNC, configurable as DVB-ASI	1 EA

#### H.264 Encoding

Encoding Rate	5 ~ 8 Mbps
720p / 60 fps for each HD-SDI input	
1080p / 30 fps for each HD-SDI input	

#### Power Requirement

Input Voltage	AC 115 ~ 240V
Power Consumption	24W

#### Physical Dimensions

Rack Server Type	
Dimension : 483mm (W) x 1RU (H) x 300mm (D)	
Weight : 4.50Kgs	
Format : 1RU rack mount, width 19"	

### HD-SDI CCTV Gateway System

