



HDCVI Solutions



Overview

HDCVI Solution



1

HDCVI Technology
Introduction

2

HDCVI Solution
Applications

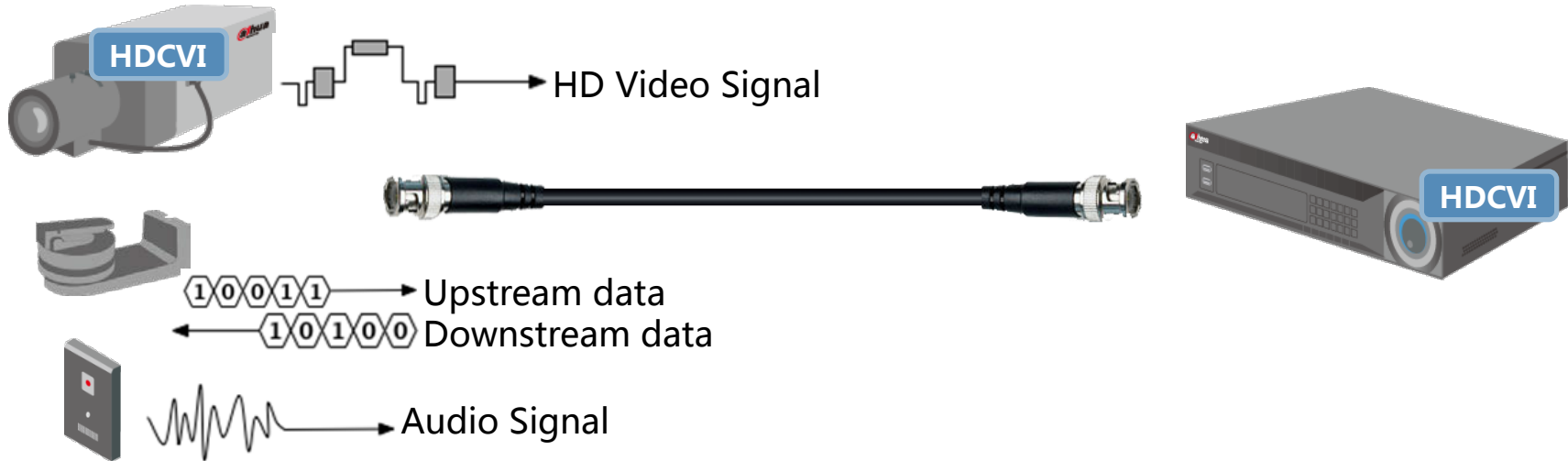


HDCVI Technology Introduction

HDCVI

High Definition Composite Video Interface

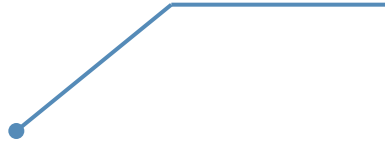
Based on a coaxial cable, support HD video, audio, data signal transmission over long distance.





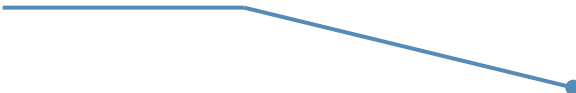
HDCVI - Technology Advantage

Feature1 : One signal includes three types of signals together



Features2 : Video transmission without any video quality loss.

- Real-time preview without delay
- Present vivid video without video quality loss.



Features3 : Long transmission distance





HDCVI –Technology Advantage

- 1** Dahua self-owned HDCVI intellectual property.
- 2** The shining new 720p and 1080p HD camera.
- 3** Much longer transmission distance.
- 4** Transmit video signal, audio signal and dual-way data communication signal over one cable.
- 5** HD video transmission, no video quality loss, no delay.
- 6** Seamless upgrade from traditional analog system or replace HD-SDI system.



Overview

HDCVI Solution



1

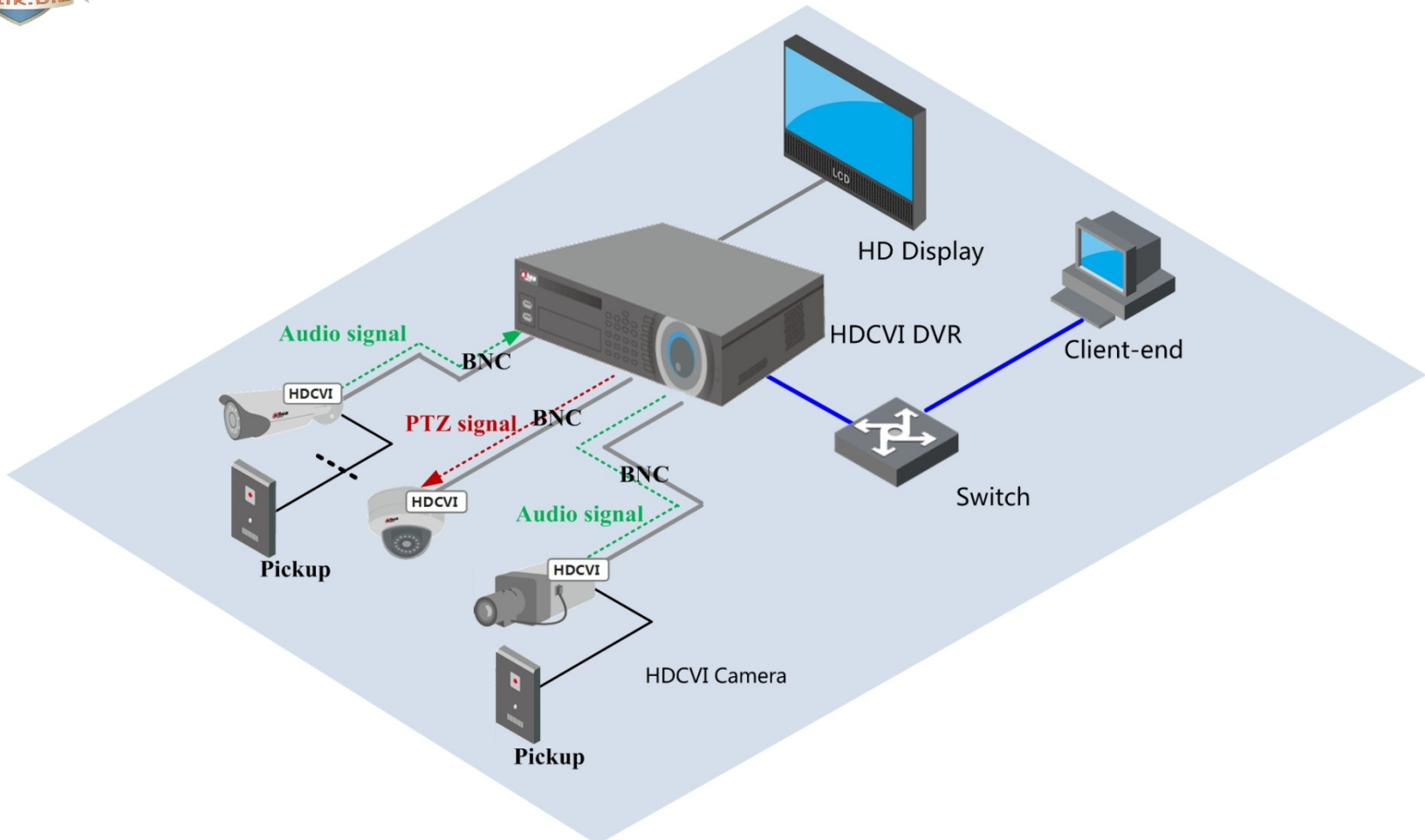
HDCVI Technology
Introduction

2

HDCVI Solution
Applications

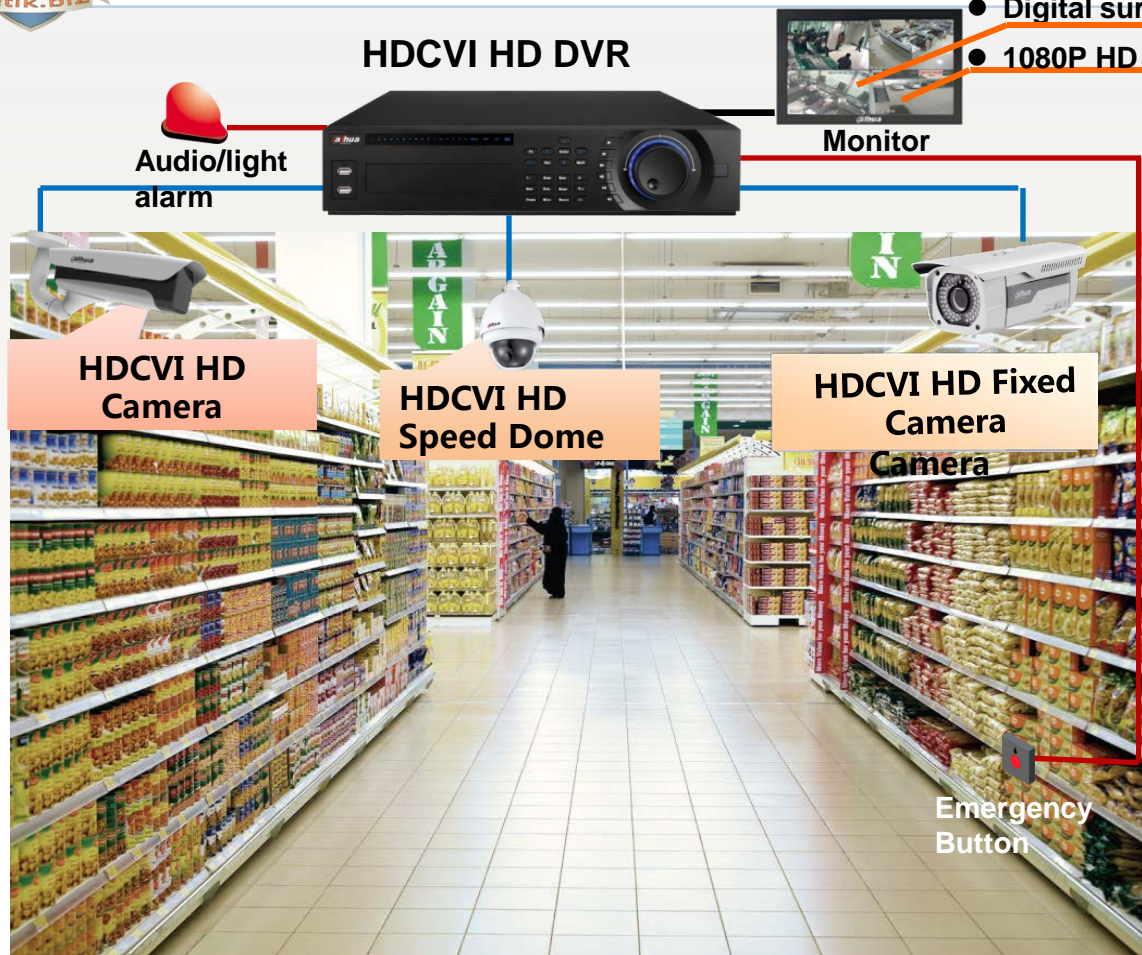


HDCVI HD Surveillance Typical Applications-Store Solutions





HDCVI HD Surveillance Typical Applications—Supermarket



- Digital surveillance without any video quality loss
- 1080P HD Preview

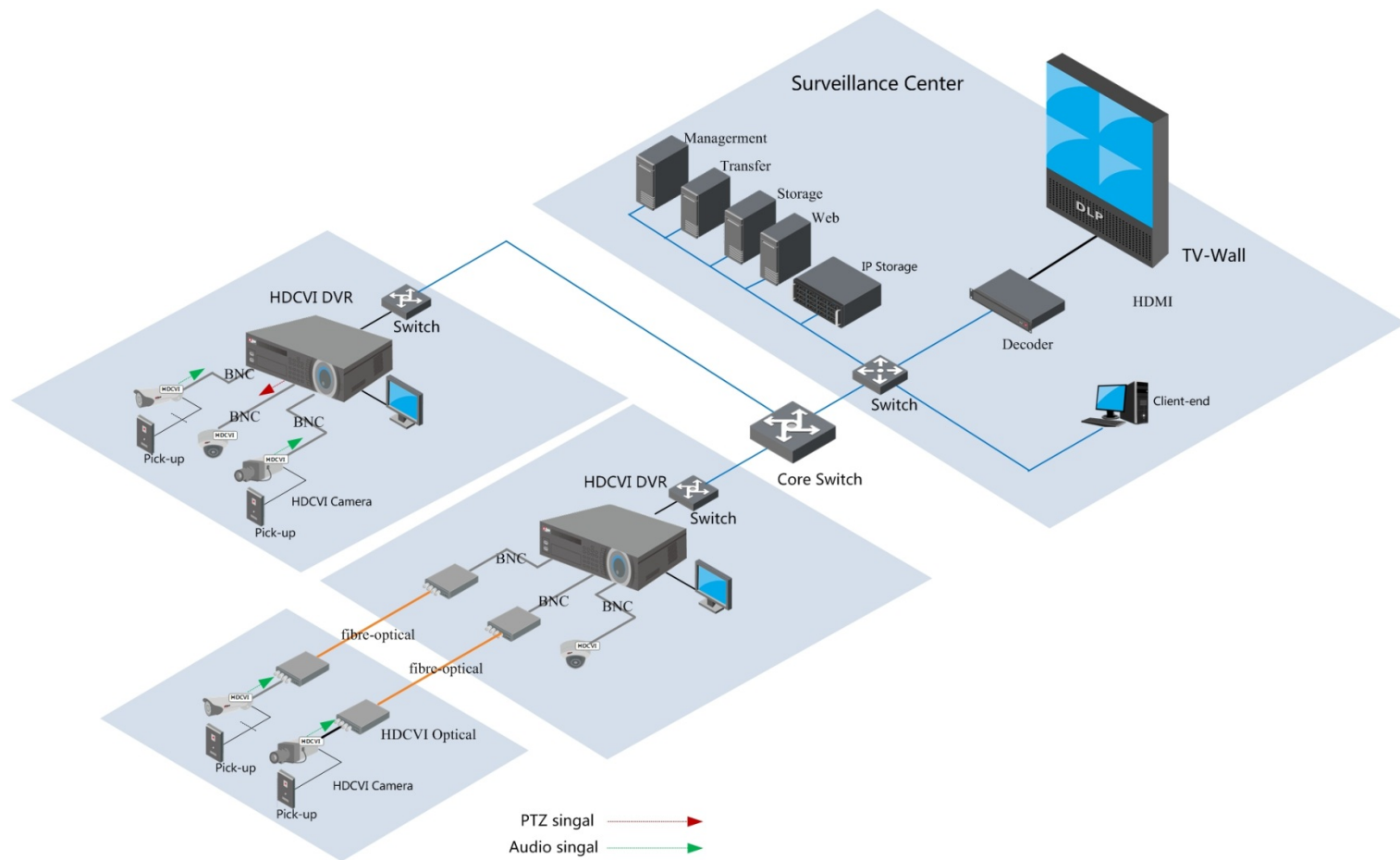
Two steps to setup HDCVI Surveillance :

1. HDCVI camera to replace original analog camera.
2. HDCVI HD DVR to replace traditional DVR.

HDCVI HD Solutions Advantages :

1. Greatly enhance local real-time surveillance video quality. Present clear and vivid video.
2. Remain original cable layout.
3. Affordable total cost

HDCVI HD Surveillance Typical Applications-Business Hall Solutions



HDCVI HD Surveillance Typical Applications—Bank Business Hall

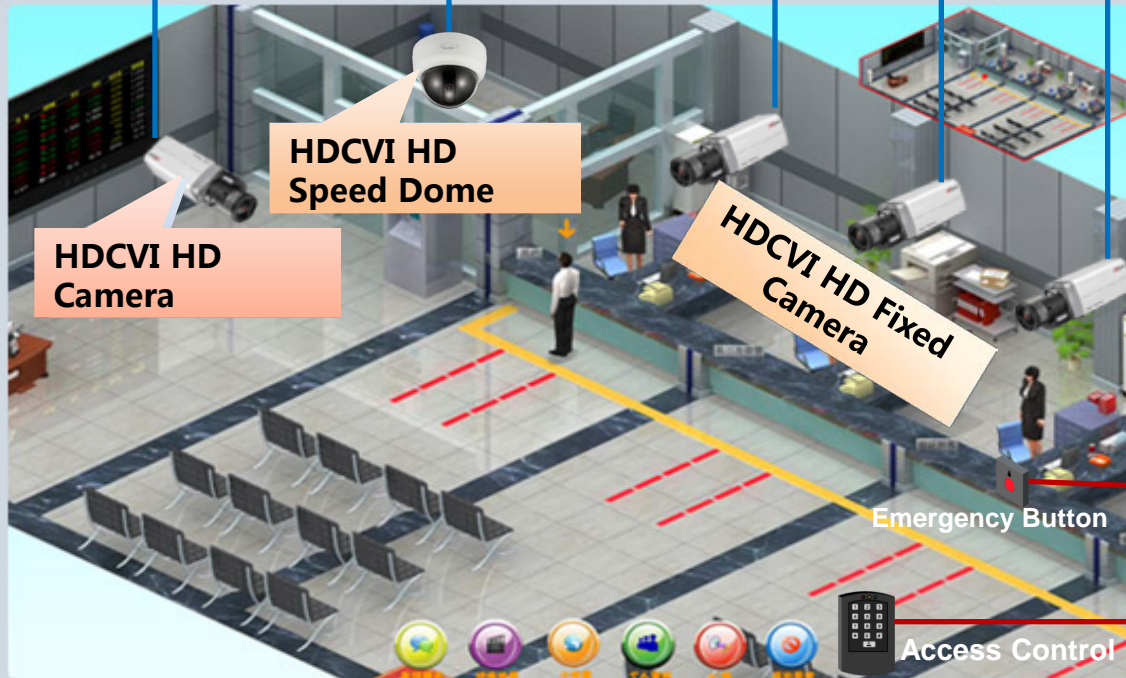
HDCVI HD DVR
Traditional D1 DVR



- Digital surveillance without any video quality loss
- 1080P HD Preview

Monitor

Audio/light
alarm



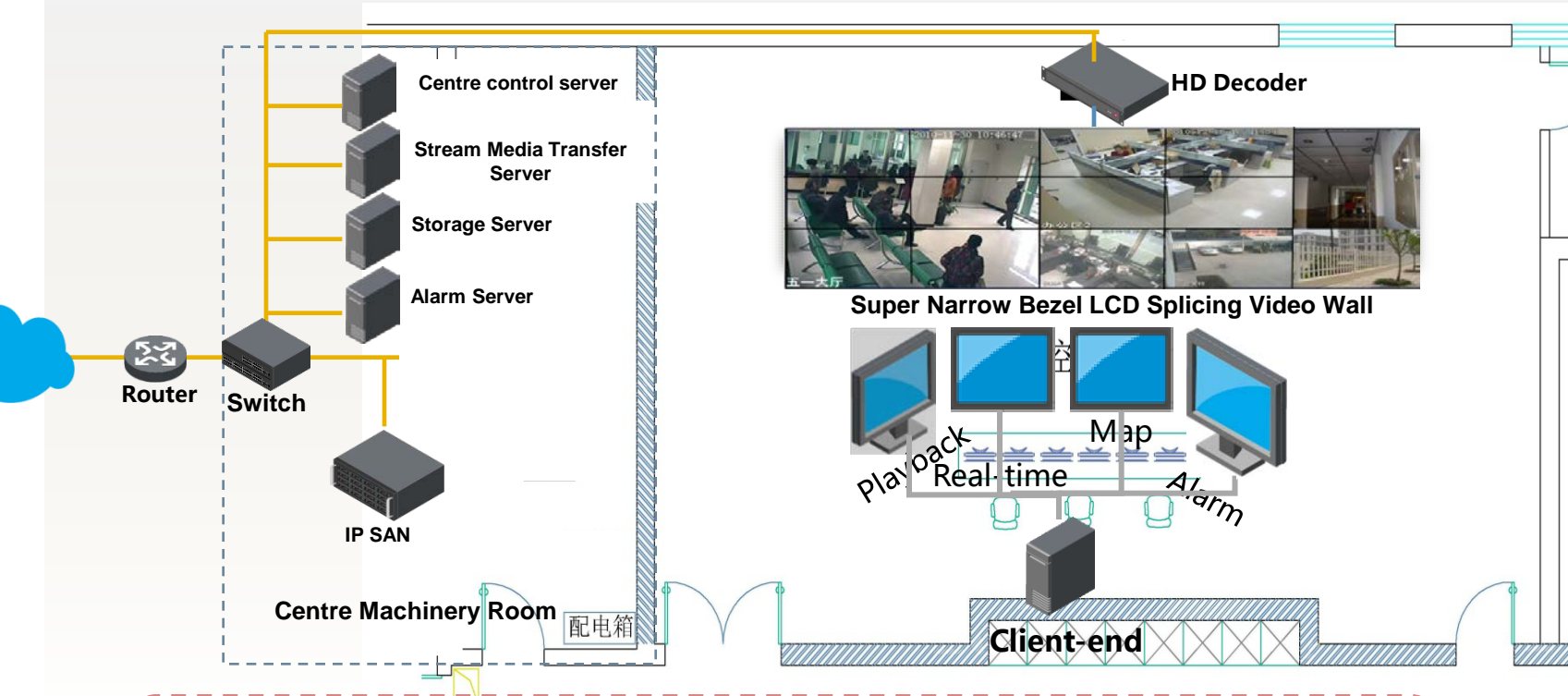
Switch

Router

HDCVI HD Solutions Advantages:

1. Greatly enhance local real-time surveillance video quality. Present clear and vivid video.
2. Remain original cable layout.
3. Maintain original GUI.

HDCVI HD Surveillance Typical Applications—Bank Business Hall



Conclusions

1. Basically remain the video wall at the surveillance centre, save cost.
2. Do not need to upgrade or modify LCD splicing video wall, easily realize HD surveillance.
3. Maintain original general management platform and business platform.



Technology comparative table

Characteristics	Analog	IP	HD-SDI	HD-CVI
Max Cable Length	500 MT	-----	100 MT	500 MT
on Cable Data Transmission		✓		✓
on Cable Audio Transmission		✓	✓	✓
lack delayed video signal	✓		✓	✓
No Video Compression	✓		✓	✓
Video Quality	Low	Medium	High	High
FULL-HD (1080p) Resolution		✓	✓	✓
Price Range	Low	Medium	High	Low
Integration on Analog cabling	-----			✓



Comparative Night Image technology

HDCVI

ANALOGICA



IP



HDCVI



In notturna la resa dell'*Analogica* e la risoluzione dell'*IP*



Comparative Detail image technology

HDCVI

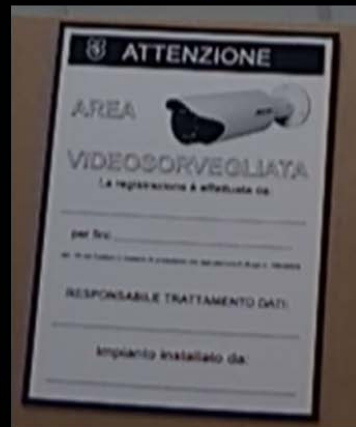
ANALOGICA



IP



HDCVI



*compressione immagini delegata al registratore
maggiore nitidezza su dettagli (scritte, sigle, visi)*

Highlights:

- HD Video format
- Analog Modulation
- Transmission over coaxial cable
- Composite video/audio/PTZ signals
- Two-way data transmission
- Auto Compensation & Long range transmission

Thank you!

HDCVI Solution

