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# HDS-F16Pro

## HIGH RESOLUTION DIGITAL SPLITTER

HDS-F16Pro is designed for HD display. It supports 16 BNC video outputs. Additionally, firmware update and system control are available through network protocol.



### Intro

Unlike ordinary analog video quads and multiplexers, Comart HDS displays 4 up to 16 analog real-time videos on screen and 4 times higher video resolution. Also, it supports any digital monitors such as LCD, PDP and DLP for a purpose of digital video splitter.

In addition, provide color control; brightness, contrast etc on each channels. Moreover, control buttons on front panel, it supports a PC mouse in order to control the digital splitter with ease. It is designed for user-friendly GUI. It is not only provide RS-232 and RS-485 port serial but also provide RJ-45 network port can allow an access or control with third parties.

### Feature


- . Support Various Video-Out Resolutions (1024x768, 1280x1024, 1920x1080p)
  - . Support Various Screen Division Modes (1 / 4 / 9 / 11A / 11B / 12 / 13 / 14 / 16A / 16B)
  - . Support Dual Video-Outs (DVI, VGA)
  - . Support RS-232 and RS-485 Control
  - . Available Color Adjustment Control per Channel
  - . Support OSD per Channel
  - . Provide SDK Example Program Control HDS from PC via TCP/IP or RS-485
- \* Korea Patent No. : 10-2006-0006960 (High Resolution Video Splitter)

### Reference

. Incheon Airport Expressway Monitoring Center 



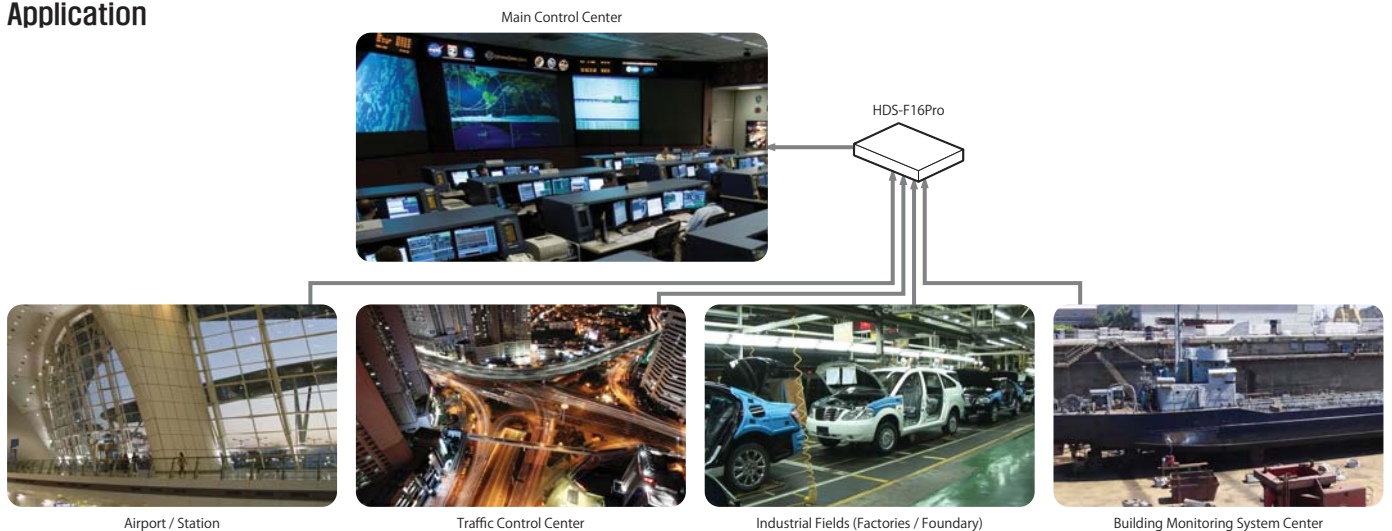
Comart System HDS device is used for monitoring of Incheon Airport Expressway Monitoring Center

. The Korea Highway Corporation Monitoring Center 



Comart System HDS device is used for monitoring of The Korea Highway Corporation Gyeonggi-do and Gyeonbuk area Monitoring Centre.

### Application



# HDS series

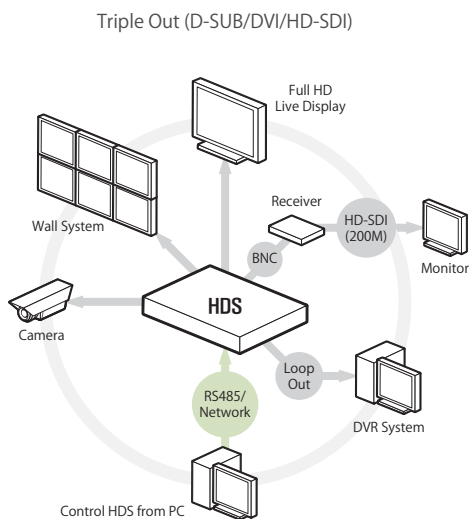
HDS-4PRO / HDS-16PRO / HDS-F16PRO

HDS series is designed for HD display.  
It supports 4~16 BNC video outputs. Additionally, firmware update and system control are available through network protocol.

## Specification

MODEL		HDS-4Pro	HDS-16Pro	HDS-F16Pro
Video	Video Input	Analog(Composite) 4 Channels	Analog(Composite) 16 Channels	Analog(Composite) 16 Channels
	Video Output	D-SUB/ DVI/ Loop-Out		D-SUB, DVI, Loop-Out, HD-SDI(will be supported soon)
	Video Out Resolution	1280x1024 / 1024x768 (Selectable)		1920x1080 / 1280x1024 / 1024x768 (Selectable)
	Video Format	NTSC / PAL (Selectable)		
	Screen Division	(1, 4) Screen Division	(1, 4, 6, 7, 8, 9, 10, 13A, 13B, 16) Various Division is Available	(1, 4, 9, 11A, 11B, 12, 13, 14, 16A, 16B) Various Division is Available
	Video Process	Deinterlacing & Scaling		
Network	Interface	RJ-45 LAN (10 / 100 Base Ethernet)		
	Protocol	TCP / IP		
	Program	Controller Program is Supported		
Serial Interface		RS-485 / 422, RS-232C (Firmware Upgrade)		
OSD (On Screen Display)		Only English (Only English & Digit within 9 words)		
GUI		Multi-Language (Korean, English, Spanish, Japanese, German, Swedish, Finnish)		
Interface		Remote Controller, PS2 Mouse, Virtual Key board, Network / RS-485		
Password		Available, Up to 7 Users		
System Restore		Watchdog (Auto Restart), Blackout : Auto Power on Function		
Power		110~240V AC, 50/60Hz		
Power Consumption		52W ~ 55W		
Dimension		423mm(W) x 312mm(D) x 40mm(H)		
Weight		4.0Kg		

## Usage



## Analog Splitter VS HD Splitter

