



Videcon
P L C

Multi-Channel Digital Recorder

DESCRIPTION



The HDVR range is designed for simple and easy operation with an array of advanced features, and it is ideal for use in small to medium size enterprises and diverse industries.

In order to meet the increasing demand for sophisticated digital surveillance system, the unit offers a user-friendly GUI, multi language OSD, versatile monitoring and recording functions and remote networking.

Further flexibility can be achieved by specifying the optional HDVR-KB remote PTZ keyboard. With the ability to control up to 8 HDVRs and any telemetry devices attached to them, the HDVR-KB is ideal as the basis of a sophisticated central monitoring solution.

KEY FEATURES

- Available in 8 and 16 channel versions
- 100FPS, quadraplex operation (menu, record, playback, remote view)
- Storage options of 250GB, 500GB & 1TB
- Efficient, high quality MPEG-2 compression - optional JPEG compression
- Optional control keyboard available
- Multi protocol PTZ control
- CDR and Compact Flash backup as standard
- Simple, intuitive user interface
- Multiple category event log
- Search by time/date or event
- Multiple schedule settings
- Software provided for remote connection to multiple units (up to 8)
- Store default setting to CF card for ease of setup

ORDER CODES

- | | |
|----------------|-----------------------|
| ■ HDVR-8/250 | 8 Channel c/w 250Gb |
| ■ HDVR-8/500 | 8 Channel c/w 500Gb |
| ■ HDVR-8/1000 | 8 Channel c/w 1000Gb |
| ■ HDVR-16/500 | 16 Channel c/w 500Gb |
| ■ HDVR-16/1000 | 16 Channel c/w 1000Gb |

ACCESSORIES

- HDVR-KB Multiple HDVR remote PTZ keyboard



HDVR Range

Multi-Channel Digital Recorder



Videcon
PLC

TECHNICAL SPECIFICATION

FUNCTION

No. of cameras	8, 16
Display format	1, 4, 6, 7, 9, 10, 13, 16, PIP1, PIP2
Image output	Dynamic video display
Multiplex mode	Quadruplex (Live/Record/Playback/Ethernet)
Display resolution	720x576
Display frame rate	HDVR-8: 200fps HDVR-16: 400fps
Colour	16M colours (Y:8, U:8, V:8) 4:2:2
Main monitor output	BNC, S-Video or VGA
Size of camera title	16 characters per camera
Freeze	Yes
Zoom in mode (2x2)	Yes
Multiple language interface	English, Japanese, German, French, Russian, Spanish, Italian, Dutch, Czech, Polish, Traditional Chinese, Simplified Chinese
Looping	Terminator 75 Ohm (switch select)
Auto sequence display	7 sequence modes
Split display mode	10 modes
Covert	Yes
Password	100 sets
Watchdog	Yes

RECORD

Resolution	720x576, 720x288, 656x256, 512x224, 352x288
Frame rate	720x576: 50fps; 720x288: 100fps
Recording quality	5 levels
JPEG	Yes
MPEG2 enhanced	Yes
Average compression rate	Maximum more than 200:1
Pre-recording	3 sec ~ 5 sec
Post-recording	1 sec ~ 255 sec (programmable)

PLAYBACK

Search mode	Event search, time frame search
Search speed	Pause, frame sec, min, hour, date
Playback speed	Pause; Fast forward: x1, x5, x15, x60 Rewind; x1, x5, x15, x60
Multi-channel playback	Yes

CONNECTER

Video in BNC	8, 16
Video out BNC	1
Video out S-Video	1
Video out VGA	1
Ethernet	RJ45 (10/100M) x 1
Remote Keyboard	RJ11 x 1
RS485	RJ11 x 1
DSUB25	Alarm in x 16, alarm out x 4, relay out x 1

ALARM / MOTION

Motion detection resolution	45x30 zones per camera
Motion detection sensitivity	100 levels
Video loss indication	Yes
No. of alarm outputs	4
No. of alarm inputs	16
Alarm real time record	Yes
Alarm delay	0, 5, 10, 15, 20, 30, 45, 60, 75, 100 sec

EVENT

Size of event list	1023 events per disk
Event source	Alarm, motion, video loss, power on, power off, freeze

ETHERNET

Remote setup/operation	Yes
Remote viewing resolution	1920x1200, 1600x1200, 1280x1024, 1280x768, 1024x768
Remote viewing	Max. 80 windows
Remote playback	Max. 80 windows
Access DVR simultaneously	3 users
Timer synchronization	Yes

HDD

Internal HDD capacity	Max. 1000Gb
Size of hard drive	250Gb ~ 500Gb (Max. 2 HDDs)

BACKUP

Remote backup	NetView
CF card	Yes
CDRW	Yes

RS485

PTZ camera	Yes
Multi keyboard function	Optional

IR REMOTE CONTROL

Controller	1
Controller distance (Max)	9M

SPECIFICATION

Voltage range	DC 19V
Power standard	15W
Power MAX	60W
Operating temperature	5~40°C
Operating relative humidity	10~75%
Net weight	5.5Kg
Shipping weight	8Kg
Dimensions	432(L) x 433 (W) x 66(H)mm

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