



D72X1

Low Cost Digital Multiplexer



Key Features

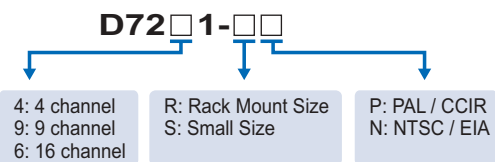
- Duplex operation
Color (NTSC/PAL) and Mono (EIA/CCIR) models
- available
- 720 x 576 pixel display with 256 gray levels and 16 million colors
- Compatible with color and B/W video cameras
- Recording rate: 30 frames per second
- Compatible with standard BNC and S-video VCR connectors
- Support double/triple density VCRs
- Gain control for each camera
- Invisible & install camera set up for each camera
- Camera auto detect
- Motion detect
- Three sequence mode
- Nonvolatile memory protects system setup from power loss
- Alarm history log up to 255 records of event
- User friendly OSD menu (On Screen Display)
- Build in color bar generator for monitor calibration
- Optional remote control keyboards available

DYNACOLOR D72X1 series digital multiplexer utilizes state-of-the-art technology to provide high video quality images and the best cost-effective solution for security surveillance application. Intelligent embedded software delivers sophisticated functions while keeping the user interface simple and friendly.

Duplex operation allows video recording while viewing live video (from camera) or video playback (from VCR). Outstanding picture quality is ensured with the latest hardware technology. RS-485 communication port enables smooth integration with other security control devices.

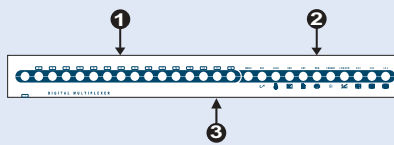
Eight segment gain control available for each camera input individually camera signal level difference is compensated to achieve concordant display on the monitor.

Product Selection



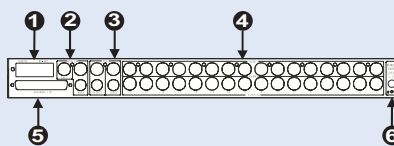
Must specify on order placement

Front Panel



1. CAMERAS SELECT KEY
2. FUNCTION KEY
3. DIRECTION KEY

Rear Panel



1. RS-485
2. MONITOR (CALL / MAIN) OUTPUT
3. VCR INPUT / OUTPUT
4. VIDEO INPUT / OUTPUT
5. ALARM INPUT / OUTPUT
6. POWER INPUT

OPTIONAL CONTROL KEYBOARDS

Model D731X for Multiplexer, and Dome Camera control
Model D7321 only for Multiplexer control

Technical Specification

Model	D7241	D7291	D7261
Maximum inputs	4	9	16
No. of alarm inputs	4	9	16
Display format	1, 4	1, 4, 9	1, 4, 9, 16
System operation	Duplex		
Active resolution	720 x 480(NTSC), 720 x 576(PAL)		
BW / Color	256 gray levels / 16 M color (Y: 8, U: 8, V: 8) 4: 2: 2		
VCR Input	BNC and S-video		
VCR Output	BNC and S-video		
Main monitor output	BNC and S-video		
Call monitor output	BNC		
Gain control	8 Segment/per camera (Range: 70%~140%)		
Camera looping	Yes (75 [terminator programmable by software)		
No. of alarm outputs	2 (N.O., N.C.) 2.0A/24V		
Motion Detection	Yes		
Video loss indication	Yes		
Motion detection area	192(16 x 12) dots per camera		
Picture freeze	Yes		
Recording mode	Synchronous (Time Lapse): By VCR trigger Asynchronous (programmable): 2,..., 960(NTSC/EIA) 3,..., 960(PAL/CCIR)		
Recording rate	30 frames/sec		
Playback refresh rate	15 frames/sec		
Playback Date / Time display	Yes (programmable)		
Sequence page	Full	Full, Quad	Full, Quad, 3 x 3
Key lock function	Yes		
Camera title size	12 characters per camera (programmable)		
Alarm history log	255 events		
Remote control	RS-485		
Color bar generator	Yes		
Input voltage range	12V ±10%		
MAX Power	14W		
Temperature	0° C~40° C		
Humidity	0~90R.H		
Weight	R: 3.7 kg / S: 2.0 kg		
Dimension (mm)	R: 432(L) x 270(W) x 44(H) S: 320(L) x 165(W) x 44 (H)		

Product specifications and availability subject to change without notice.
Certain product names mentioned herein may be trade names and/or registered trademarks of their companies.

Developed and Manufactured by:



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MKPB-72X1-0406-EN01-A4