



Advanced Technology Video, Inc.



Talon Multiplexer



- Full triplex operation allows simultaneous recording, playback and live viewing
- Wireless Remote or PS2 mouse control
- Split screen display feature
- Switchable between NTSC and PAL
- Looping Video outputs
- Allow simultaneous multi-camera and full-screen viewing
- Multi-lingual setup menus including English, French, Italian, German and Spanish
- Each camera has a programmable 256-target (16 x 16) motion-detection grid
- Non volatile program memory saves all user settings and protects against power outages
- Up to 4 cameras can be associated with a single contact closure alarm
- Linear zoom in and out up to 32 times
- Rock mount kit included

Talon 4 / 9 / 16 SPECIFICATIONS

MODELS

Talon 4	4-Channel color triplex multiplexer, NTSC 120 VAC
Talon 9	9-Channel color triplex multiplexer, NTSC 120 VAC, 60 Hz
Talon 16	16-Channel color triplex multiplexer, NTSC 120 VAC, 60 Hz

OPERATING DEFAULTS

Format:	4x4 multi-screen format
Display:	Live

VIDEO

Format:	NTSC/PAL standard
Camera inputs:	16 BNC, 1.0Vp-p, 75ohms
Camera outputs:	16 BNC, 1.0Vp-p, 75ohms
VCR Inputs (color):	BNC, 1.0Vpp, or S-Video, 1.0Vpp, 75ohms(Y), 0.286Vp-p, 75ohms (C)
VCR Outputs (color):	BNC, 1.0Vpp, or S-Video, 1.0Vpp, 75ohms(Y), 0.286Vp-p, 75ohms (C)
VCR Inputs (B&W):	1.0Vpp, 75ohms
VCR Ouputs (B&W):	1.0Vpp, 75ohms

ALARM

Camera Alarm Input:	16 inputs with individual polarity selection; activated by contact closure or TTL/CMOS signal
Alarm Output:	One NO and NC contact with shared common; 1.0A and 24V DC (resistive only)
Alarm Hold Time:	20 seconds default; menu selectable 0 to 99 seconds
Alarm Buzzer:	On/Off selectable

RESOLUTION

Sampling:	NTSC: 720x480 (10 to 9 down-scaling), PAL: 648x512 (10 to 9 down-scaling)
Full (Active):	NTSC: 324x224, PAL: 324x259
1/4 size:	NTSC: 216x149, PAL: 216x173
1/9 size:	NTSC: 162x112, PAL: 162x129
4/9 size:	NTSC: 432x298, PAL: 432x346
9/16 size:	NTSC: 486x336, PAL: 486x387
VCR Out (full):	NTSC: 720x480, PAL: 720x576
Spot Out:	Analog

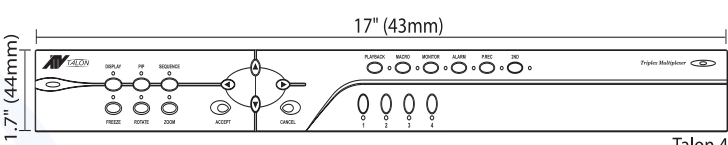
GENERAL

Power Adapter:	110/240V AC universal adapter
Power Requirement:	12VDC / 3.0Amps
Dimension (W x H x D):	17.0" x 1.7" x 12.2" 432mm x 44mm x 310mm
Weight (Net):	5.29 lbs 2.4kg (5.29 lbs)

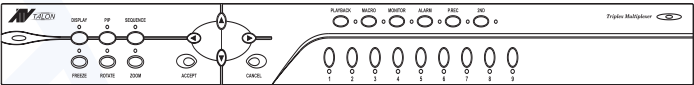
OPTIONAL ACCESSORIES

RM-TALON	Remote Control for Talon mux
PS-TALON	Power Supply for Talon mux
ALM-TALON	Alarm board for TALON multiplexers
SDC5LCDN	Controller with 5" LCD display for Mux and PTZ speed dome
SDC162N	Controller for Mux and PTZ speed dome

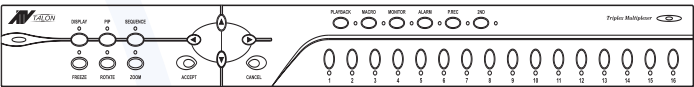
DIMENSIONS



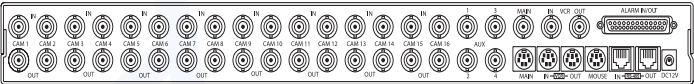
Talon 4



Talon 9



Talon 16



Talon 16 (Back)

APPLICATION DIAGRAM

