

TL-One

Digital Video Recorder



Costs less to upgrade to digital

- Low cost migration from outdated VCR to latest digital technology
- "Drop-in replacement" works with most multiplexer and quad processors
- Camera switcher interface synchronizes the TL-One DVR with a multiplexer

Reduce the cost of operation

- Eliminate costly tape management — images are stored digitally
- Dependable storage system reduces operating costs typical of traditional VCR systems

Enjoy advanced digital video management

- Retrieve video clips quickly — advanced video search tool uses time indexing and event type
- VCR style playback — freeze frame, fast forward/reverse and slow forward/reverse without image streaking or tearing

Expect high reliability

- Real-time operating system provides reliable, stable operation
- Fault-tolerant design provides quick, reliable recovery from power loss

High resolution video storage and playback

- Clear, crisp video every time
- Choose field or frame recording — user configurable
- Set playback speed from 1/32x to 32x
- Select record refresh rates from 1 ips to 60/50 ips (NTSC/PAL)
- Search by time, last record, full clip list, or alarm list

Intuitive, simple operation

- Front panel finger-tip controls provide VCR-like operation
- User friendly programming menus and onscreen display
- Alarm input/output uses simple contact closure

Installs easily on a desktop or on a 19 inch rack mount

- Includes 19 in. rack mount kit

Easy hard drive installation

- Model HR-TL1-80 are equipped with an 80 GB hard drive
- Model HR-TL1 — user supplies hard drive (see compatible hard drive chart on reverse side)
- Locking hard drive tray

FEATURES:

- Single channel
- Supports up to 120 GB
- Record speed of up to 60 ips (NTSC)
- Playback speed from 1/32X to 32X
- Real-time operating system for reliable 24/7 operation
- VCR replacement — works with most multiplexers
- Search by time and date, last record, full clip or alarm list

TL-One

Digital Video Recorder

SPECIFICATIONS:

Video

Signal Format: NTSC or PAL
Video Input:
 Composite 1 input BNC, 1 Vp-p, 75 ohms
Monitor Output:
 Composite 1 output BNC, 1V p-p, 75 ohms
Video Resolution 720 x 486 (NTSC), 720 x 576 (PAL)
Record Speed: 1 to 60 ips (NTSC), 1 to 50 ips (PAL)
Video Compression: Wavelet
Video Loss Detection: Notification via On Screen Display (OSD) and alert tone
Time Display: Configurable OSD
Hard Drive: Supports up to 120 GB Hard Drive
Power Source: AC100~240V switching adapter

Inputs/Outputs

Alarm:

Input 1 input, TTL Hi (5V) or low dry contact
 Output 1 output, NC/NO, dry contact
 Reset 1 reset, dry contact

Physical

Dimensions: 14.75 in. x 2.75 in. x 11.25 in. (W x H x D)
 (37.47 cm x 7.0 cm x 28.6 cm)

Weight without

hard drive: 11.5 lbs (5.2 kg)

Operating

Temperature: 41°F to 104°F (5°C to 40°C)

Warranty: 1 year

Approvals: FCC, CE

Record Time Estimates:

NTSC System

IPS	60	30	15	8	4	2	1
Record Best	12hr	24hr	48hr	90hr	180hr	360hr	720hr
Quality High	15hr	30hr	60hr	112.5hr	225hr	450hr	900hr
Normal	24hr	48hr	96hr	180hr	360hr	720hr	1440hr
Basic	40hr	80hr	160hr	300hr	600hr	1200hr	2400hr
HDD Type	120GB						

PAL System

Record IPS	50	25	12	6	3	2	1
Quality Best	12hr	24hr	50hr	101hr	203hr	304hr	608hr
High	15hr	30hr	63hr	127hr	253hr	380hr	760hr
Normal	24hr	49hr	101hr	203hr	405hr	608hr	1216hr
Basic	41hr	81hr	168hr	338hr	675hr	1013hr	2025hr
HDD Type	120GB						

Note: Above data is from actual test. (Reference only)

Compatible Hard Drive Chart:

Manufacturer	Model	Capacity	Rotation
Hitachi	IC35L120AVVA07-0	120GB	7200 rpm
Western Digital	WD1200BB	120GB	7200 rpm
Hitachi	HDS722580VLAT20	80GB	7200 rpm
Western Digital	WD800BB	80GB	7200 rpm
Hitachi	HDS722540VLAT20	40GB	7200 rpm
Western Digital	WD400BB	40GB	7200 rpm

ORDERING:

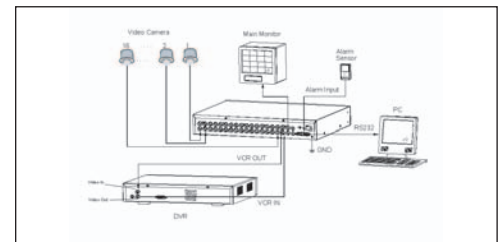
HR-TL1 No hard drive
HR-TL180 With 80GB hard drive

Honeywell Video Systems

Honeywell
 171 Eileen Way
 Syosset, NY 11791
 800 796 CCTV
 www.honeywell.com

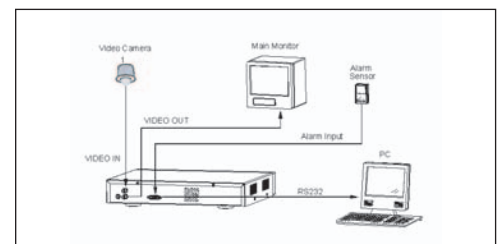
L/TLONE/D
 JANUARY 2005
 ©2005 Honeywell International Inc.

Connect with Multiplexer



Note: Compatible with most multiplexers. Honeywell Video Systems recommends testing TL-One with multiplexer to assure proper operation.

Connect with single camera



Note: The brands and models of hard drives have been tested and found to be compatible with this appliance. Other IDE drives not on the list may work, but Honeywell Video systems recommends that you use the compatible hard drives.

Honeywell