

# LTS-80 Datasheet

### 1. Specifications

#### **Basic specifications**

Temperature	10°C to 35°C	
Humidity	20% to 80% (no condensation)	
Power	AC 100 V to 240 V ±10%, 50/60 Hz	
Consumption	AC 100 V to 120 V: 130 VA (128 W) AC 220 V to 240 V: 154 VA (123 W)	
Dimensions	212 (W) x 116 (H) x 422.5 (D) mm	
Weight	8 kg	
Consumables (at 24-hour operation)	Cooling fan: Replace every 3 years.Power:Replace every 5 years.Battery:Replace every 5 years. (*)Hard disk:Replace every 5 years.	

\* Yearly battery replacement is recommended when unit is stored without powering on for long periods

## **Technical specifications**

Removable Storage	LTO-7 / LTO-8 (File system: IBM LTFS)	
Internal Storage	8TB HDD	
Interfaces		
USB	USB3.0 series A connector x 4 (front x 2, rear x 2)	
LAN1/2	100BASE-TX/1000BASE-T, RJ-45 x 2	
To External Drive	Mini-SAS HD(SFF-8644) Connector x 1 To connect to an LTO-EU7/ LTO-EU8, an external LTO-7 drive made by IBM or an auto loader made by IBM. (LTS-TSC optional software is required to connect to an auto loader.)	
VGA	15-pin D-Sub (female) x 1	
RS-232C	Not used	
IPMI	Not used	



### LTO-7 Basic Performance

Cartridge Size	105 (W) x 22 (H) x 102 (D) mm	
Capacity	Approx. 6.0 TB (data area: 5732 GB / 5338 GiB)	
Recording capacity	The followings, values excluding ancillary data and proxy video files, are theoretical. Actual values may differ depending on LTO tape and head conditions.	
MPEG-2 422@HL	Approx. 190 hours (50 Mbps, HD)	
MPEG-2 MP@HL	Approx. 285 hours (35 Mbps, HD)	
Response	File system information acquisition time: under one minute in typical case. File body seek time: within three minutes (This will take more time in some cases.)	

#### LTO-8 Basic Performance

Cartridge Size	105 (W) x 22 (H) x 102 (D) mm	
Capacity	Approx. 12.0 TB (data area: 11711 GB / 10907 GiB)	
Recording capacity	The followings, values excluding ancillary data and proxy video files, are theoretical. Actual values may differ depending on LTO tape and head conditions.	
MPEG-2 422@HL	Approx. 380 hours (50 Mbps, HD)	
MPEG-2 MP@HL	Approx. 570 hours (35 Mbps, HD)	
Response	File system information acquisition time: under one minute in typical case. File body seek time: within three minutes (This will take more time in some cases.)	

### H.264 file

Video	Compression format	H.264 Baseline Profile Level 2.1
	Resolution	HD: 424 x 240 SD: 320 x 240 (NTSC) 384 x 288 (PAL)
	Frame rate	NTSC family: 29.97 fps, PAL family: 25 fps
	Bitrate	900 kbps
Audio	Compression format	AAC LC
	Number of channels	2 ch
	Sampling rate	48 kHz
	Bitrate	96 kbps
File format	Container format	MP4
	Bitrate	Auto-calculated from video and audio bitrates
Timecode	-Added to each frame as the Picture Timing SEI message in H.264 streams. -Timecode can be added to the video content by changing setting.	



Video	Compression format	Windows Media Video V9
	Resolution	HD: 424 x 240 SD: 320 x 240 (NTSC) 384 x 288 (PAL)
	Frame rate	NTSC family: 29.97 fps, PAL family: 25 fps
	Bitrate	1,300 kbps
Audio	Compression format	Windows Media Audio V9
	Number of channels	2 ch
	Sampling rate	48 kHz
	Bitrate	192 kbps
File format	Container format	WMV (ASF)
	Bitrate	Auto-calculated from video and audio bitrates
Timecode	-Timecode can be added to the video content by changing setting.	

## Options

optiono	
LTR-BWIN <sup>(*1)</sup>	LTR Browser (Windows Version)
LTR-BMAC (*1)	LTR Browser (Mac Version)
LTS-SX	MPEG-2 (OP-1a) Plugin
LTS-PAD	AVC-Intra/DVCPRO Plugin
LTS-PRS	ProRes422 Plugin
LTS-DNxHD	DNxHD Plugin
LTS-XAVC	XAVC Plugin
LTS-XAVC-L	XAVC Long Plugin
LTS-AVCHD	AVCHD Plugin
LTS-MAM (*2)	Media Asset Manager
LTS-TSC	LTO Auto-loader Plugin
LTS-MGS (*2)	LTS Migrator (Windows Version)
LTS-10GR (*3)	10GbE option (RJ45 model)
LTS-10GS (*3)	10GbE option (SFP+ model) 10GBASE-SR SFP+ Optical Transceiver
LTO-EU7/8 (*1)	LTO-7/8 external unit

(\*1) Operation Manual (PDF) is included in each CD-ROM.
(\*2) Operation Manual (PDF) is included in the LTS-80 CD-ROM.

<sup>(\*3)</sup> Setup Guide (PDF) is included in the LTS-80 CD-ROM.

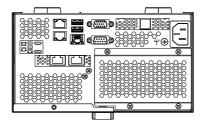
# Accessories

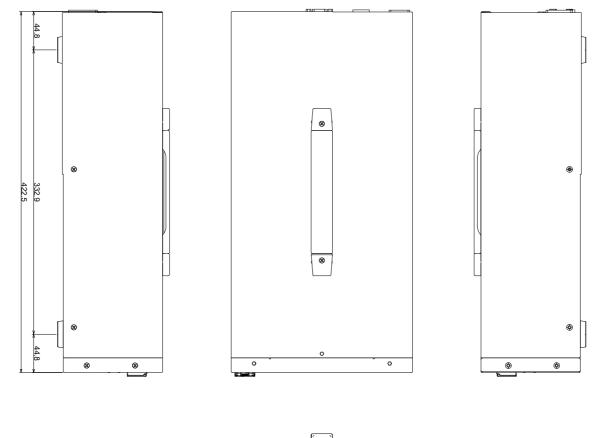
AC cord, LTO Cleaning cartridge, CD-ROM and Packing List

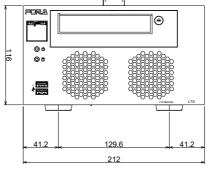


#### 2. External Dimensions

(All dimensions in mm.)







# FOR-A COMPANY LIMITED

Date: 2021/08/18 All specifications and contents are subject to change without prior notice.