

2.5-inch 100GB PATA Hard Disk Drive

PC-HDD100S



The photograph is PC-HDD80S.

\* Specifications, color and design of the products are subject to change without notice.

Specification

Item	Specification
Total recording capacity	100GByte
Host interface	Serial-ATA Revision 2.6 (1.5Gbps)
Transfer velocity	Max. 753Mbit/sec
	Typ. 323 · 665Mbit / sec
Input voltage	+5VDC (±5%)
Consumed power	Sleep 0.13W (typ.)
	Read / Write / Seek 2.0W / 2.0W / 2.3W (typ.)
	Startup *1 5.5W (Max.)
Environment	
Operating	Temperature -30 · 85°C
	Humidity 5 · 90%RH (With no condensation)
	Maximum wet bulb temperature 40°C (With no condensation)
	Temperature change gradient 180°C/h or less for up 60°C/h or less for down (With no condensation from temperature gradient)
	Altitude 1049.8hPa · 494.9hPa (Above the sea -300 · 5,650m)
	Swept sine vibration 3.0G or less (8 · 50Hz) 2.5G or less (50 · 200Hz) 2.0G or less (200 · 500Hz)
	Shock 300G or less (2ms) 100G or less (11ms)
Non-operating	Temperature -40 · 95°C
	Humidity 5 · 95%RH (With no condensation)
	Maximum wet bulb temperature 42°C (With no condensation)
	Temperature change gradient ± 180°C / h or less for up 60°C / h or less for down (With no condensation from temperature gradient)
	Altitude 1049.8hPa · 193.3hPa (Above the sea -300 · 12,000m)
	Swept sine vibration 5.0G or less (10 · 500Hz) Shock 800G or less (1ms)
Operational condition	Power on hours *2 24hours/day, 8,760hours / year or less
	Read / Write / Seek 20% or less at power on hours
	Number of seek 1.30 x 10 <sup>6</sup> seeks / month
	Disk enclosure surface -30 · 70°C
MTTF	300,000H
Physical dimensions (mm)	69.85 (W) x 100.0 (D) x 9.5 (H)
Weight	98g (Max.)

\*1 Maximum power consumption at motor startup

\*2 When using this device with BX-960D-DCxxxx or DS-960D-DCxxxx, let Power On Hour less than 3,000 hours/year.

Packing List

- Hard Disk Drive [PC-HDD100S].....1
- User's Guide.....1
- Warranty Certificate.....1
- Serial number label.....1

About an adaptation model

This product can be used for the CONTEC's following models. (Don't use this product with any other devices.)

BOX Computer:

- BX-710xx-ACxxxx, BX-100n-DCxxxx-C01,
- BX-110n-DCxxxx-C01, BX-960D-DCxxxx \*1

Panel Computer:

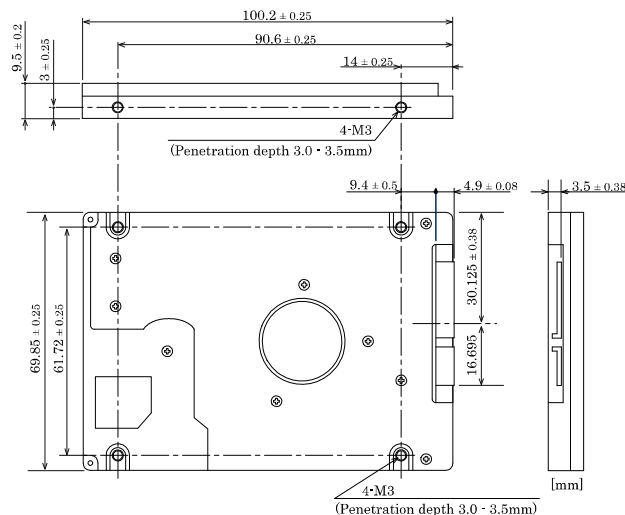
PT-955LS-ACxxxx

Digital Signage Player:

DS-960D-DCxxxx \*1

\*1 When using this device with BX-960D-DCxxxx or DS-960D-DCxxxx, let Power On Hour less than 3,000 hours/year.

Physical Dimensions



Fixed disk characteristics

	Number of Disks	Number of Heads	Number of Cylinders	Bytes per Sector	Formatted capacity (GB)
PC-HDD100S	1	1	154,800	512	100.030