



PIONEER NEW MEDIA TECHNOLOGIES, INC.

DVD-105S/115 16X DVD/40X CD-ROM Drive

SPECIFICATIONS

GENERAL	
Disc Format	DVD-ROM & VIDEO (Single & Dual Layer) DVD-R (Note: DVD-RAM not supported) CD-R, CD-RW, CD-DA (Audio CD), CD-ROM (MODE 1 & 2) CD-ROM XA, Video CD, Photo CD (single and multi-session) CD-EXTRA, HYBRID CD, CD-Test
Interface	ATAPI (ATA/ATAPI-4, Ultra DMA33)
Sustained Transfer Rate	DVD-ROM ATAPI: 6.6X – 16X (8.91 MB/s – 21.6MB/s) CD-ROM ATAPI: 17.2X – 40X (2.58 MB/x – 6.0 MB/s)
Seek Time (random/average)	85 ms for DVD-ROM 70 ms for CD-ROM
Access Time (random/average)	95 ms for DVD-ROM 80 ms for CD-ROM
Data Buffer	512 KB
Mounting Orientation	Horizontal & Vertical
ENVIRONMENTAL CONDITIONS	
Operating Temperature Humidity Not Operating Temperature Humidity	5 to 45°C (within 10°C/hour deviation) 5 to 85% (below 10%/hour deviation) -20 to 60°C (within 10°C/hour deviation) 5 to 90% (below 10%/hour deviation) Remarks: Measurements were at no dew conditions
Regulatory Approval	UL, CSA, TUV, FCC Class B, FDA, CE Marking
PHYSICAL CHARACTERISTICS	
Power Requirement In Read (Average) Peak (Maximum)	+5V +12V 0.8A 1.3A 1.2A 1.4A
Dimensions (W x H x D)	148 x 42.3 x 207.5mm 5-13/16" x 1-11/16" x 8-2/16"
Net Weight	1.0 kg 2lbs 3 oz
Reliability: MTBF	100,000 POH (Duty 20%)