

Code: HDD-WD101PURA

# HDD FOR DVR **HDD-WD101PURA** 10TB 24/7 WESTERN DIGITAL

Net: **273.57 EUR** Gross: **336.49 EUR**



All WD Purple surveillance-class drives are equipped with AllFrame 4K technology, which improves ATA streaming to help reduce frame loss, improve overall video playback, and increase the number of hard drives bays supported within a NVR. These drives are dedicated to HD video recording continuously in 24/7 mode and have reduced energy consumption. Serial ATA interface connection.

## SPECIFICATION

Capacity:	10 TB
Interface:	Serial ATA/600
Spindle speed:	7200 RPM
Size format:	3.5 "
Cache memory:	256 MB
Technology:	<ul style="list-style-type: none"><li>• NCQ - Native Command Queuing</li><li>• AllFrame AI - Reducing video frame "loss" phenomenon</li><li>• Optimized to handle up to 64 single-stream HD cameras</li><li>• Optimized to handle up to 32 concurrent AI streams</li><li>• Enhanced Workload Rating - Increased hard drive workload rate - even up to 550 TB per year</li><li>• MTBF (Mean Time Between Faults) - 2 000 000 h</li></ul>
Designed to continuous operation 24/7:	✓
Weight:	0.69 kg
Manufacturer / Brand:	WESTERN DIGITAL
Guarantee:	<b>3 years</b>

## PRESENTATION

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60



The Western Digital drives marked PURP are designed to work in video surveillance systems. Its design allows for error-free recording of several Full HD streams in 24/7 mode.

Connectors:



Memory storage for video recording:

Cameras amount	Main stream	Disk usage	Disk usage	1TB	2TB	3TB	4TB	8TB	10TB
pcs	kb/s	MB/h	GB/24h	Number of days	Number of days	Number of days	Number of days	Number of days	Number of days
1	750	329,6	7,7	120,5	241,0	361,6	482,2	964,4	1205
1	1000	439,5	10,3	90,4	180,8	271,2	361,7	723,4	904
1	2000	878,9	20,6	45,2	90,4	135,6	180,8	361,6	452
1	2500	1098	25,7	36,2	72,3	108,5	144,7	289,4	362
1	3000	1318	30,9	30,1	60,3	90,4	120,6	241,2	309
1	4000	1757	41,2	22,6	45,2	67,8	90,4	180,8	226
1	5000	2197	51,5	18,1	36,2	54,2	72,3	144,6	181
1	6000	2636	61,8	15,1	30,1	45,2	60,3	120,6	151

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1	8000	3515	82,4	11,3	22,6	33,9	45,2	90,4	113
1	3000	1318	30,9	30,1	60,3	90,4	120,6	241,2	301
2	3000 x 2	2636	61,8	15,1	30,1	45,2	60,3	120,6	151
3	3000 x 3	3955	92,7	10,0	20,1	30,1	40,2	80,4	100
4	3000 x 4	5273	123,6	7,5	15,1	22,6	30,1	60,2	75
6	3000 x 6	7910	185,4	5,0	10,0	15,1	20,1	40,2	50
8	3000 x 8	10546	247,2	3,8	7,5	11,3	15,1	30,2	38
10	3000 x 10	13183	309,0	3,0	6,0	9,0	12,1	24,2	30
12	3000 x 12	15820	370,8	2,5	5,0	7,5	10	20	25
16	3000 x 16	21093	494,4	1,9	3,8	5,6	7,5	15	19
20	3000 x 20	26367	618,0	1,5	3,0	4,5	6,0	12	15
25	3000 x 25	32959	772,5	1,2	2,4	3,6	4,8	9,6	12
32	3000 x 32	42187	988,8	0,94	1,88	2,82	3,77	7,54	9,4
64	3000 x 64	84375	1977	0,47	0,94	1,41	1,88	3,76	4,7

#### PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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