

Code: HDD-WD121PURP

HDD FOR DVR **HDD-WD121PURP** 12TB 24/7 WESTERN DIGITAL

Net: **315.28 EUR** Gross: **315.28 EUR**

All WD Purple Pro surveillance-class drives are equipped with AllFrame AI 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:	12 TB
Interface:	SATA III - 6 Gb/s
Spindle speed:	7200 RPM
Size format:	3.5 "
Cache memory:	256 MB
Technology:	• NCQ - Native Command Queuing • AllFrame AI - Reducing video frame "loss" phenomenon • Optimized to handle up to 64 single-stream HD cameras • Optimized to handle up to 32 concurrent AI streams • Enhanced Workload Rating - Increased hard drive workload rate - even up to 550 TB per year • MTBF (Mean Time Between Faults) - 2 500 000 h
Designed to continuous operation 24/7:	✓
Weight:	0.638 kg
Manufacturer / Brand:	WESTERN DIGITAL
Guarantee:	3 years

PRESENTATION

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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 view:



Memory storage for video recording:

Cameras amount	Main stream	Disk usage	Disk usage	1TB	2TB	3TB	4TB	8TB	10TB	12TB
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	Number of days
1	750	329,6	7,7	120,5	241,0	361,6	482,2	964,4	1205	1446
1	1000	439,5	10,3	90,4	180,8	271,2	361,7	723,4	904	1084.8
1	2000	878,9	20,6	45,2	90,4	135,6	180,8	361,6	452	542.4
1	2500	1098	25,7	36,2	72,3	108,5	144,7	289,4	362	434.4
1	3000	1318	30,9	30,1	60,3	90,4	120,6	241,2	309	361.2
1	4000	1757	41,2	22,6	45,2	67,8	90,4	180,8	226	271.2
1	5000	2197	51,5	18,1	36,2	54,2	72,3	144,6	181	217.2
1	6000	2636	61,8	15,1	30,1	45,2	60,3	120,6	151	181.2

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1	8000	3515	82,4	11,3	22,6	33,9	45,2	90,4	113	135.6
1	3000	1318	30,9	30,1	60,3	90,4	120,6	241,2	301	361.2
2	3000 x 2	2636	61,8	15,1	30,1	45,2	60,3	120,6	151	181.2
3	3000 x 3	3955	92,7	10,0	20,1	30,1	40,2	80,4	100	120
4	3000 x 4	5273	123,6	7,5	15,1	22,6	30,1	60,2	75	90
6	3000 x 6	7910	185,4	5,0	10,0	15,1	20,1	40,2	50	60
8	3000 x 8	10546	247,2	3,8	7,5	11,3	15,1	30,2	38	45.6
10	3000 x 10	13183	309,0	3,0	6,0	9,0	12,1	24,2	30	36
12	3000 x 12	15820	370,8	2,5	5,0	7,5	10	20	25	30
16	3000 x 16	21093	494,4	1,9	3,8	5,6	7,5	15	19	22.8
20	3000 x 20	26367	618,0	1,5	3,0	4,5	6,0	12	15	18
25	3000 x 25	32959	772,5	1,2	2,4	3,6	4,8	9,6	12	14.4
32	3000 x 32	42187	988,8	0,94	1,88	2,82	3,77	7,54	9.4	11.28
64	3000 x 64	84375	1977	0,47	0,94	1,41	1,88	3,76	4,7	5.64

PACKAGE

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