

LOOKING AFTER YOUR BUSINESS

REO GOES DIGITAL

- UNIQUE COMBINATION OF REO OBSERVATION SYSTEM WITH DIGITAL RECORDING
- SINGLE CHANNEL COMPACT DIGITAL VIDEO RECORDER
- REAL TIME, TIME-LAPSE, AND ALARM EVENT RECORDING MODES
- NETWORK VIEWING OF LIVE & RECORDED VIDEO

REO
PHILIPS OBSERVATION SYSTEM

DVRI

REO with Digital Recorder



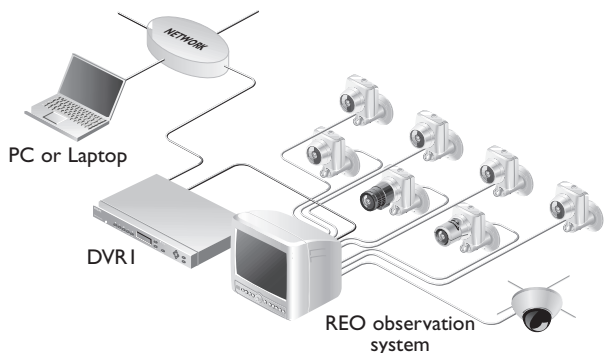
INNOVATION • PLUG & PLAY
INTEGRATED FUNCTIONALITY
SERVICE & RELIABILITY

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PHILIPS

REO DIGITAL RECORDING



Color Observation System with digital recording

The REO multiplexer has inputs for up to eight cameras and is an all-in-one solution for observation in small- to medium-sized businesses such as retail stores. Together with the Philips DVR I series single channel digital video recorders, you get a unique powerful digital system. Connection between the REO monitor and DVR I is simple, using the standard Audio/Video cable which is delivered with every REO monitor.

Various recording speeds can be selected, depending on the requirements. In case of an alarm activation or video motion alarm from the REO, the record speed of the DVR I will switch automatically to the programmed alarm recording speed. Also the alarm pictures will be interleaved so that more images of the alarm camera are recorded in a higher speed.

The DVR I, via its network interface, also makes it possible to monitor the system via a PC. The Remote Viewer software delivered with the DVR I provides access to live and recorded images and includes a graphical display of the recorded video (normal and alarm) of all cameras connected to the system. Furthermore, selected events can be stored as snapshots or video clips on your PC's harddisk.

The DVR I Series incorporates all of the benefits of digital recording and eliminates the maintenance worries and costs associated with analog VCRs.

Record duration

The recording time of the DVR I depends on the model (HD size), the number of pictures recorded per second and the selected quality mode (VHS or SVHS). In the tables below, the recording times in hours and days are given for the various combinations.

MODELS	
DVR I	40 GB Digital Video Recorder
DVR IEP	80 GB Digital Video Recorder
DVR IEP2	160 GB Digital Video Recorder
DVR IEP2A	160 GB Digital Video Recorder with audio

Notes: DVR I software version 1.14 or higher is required to be compatible with the REO multiplexer (software is free available on CSI web site).

RECORD DURATION (PAL)								
Model	Disk Capacity	Quality mode	Duration	25 IPS	17 IPS	10 IPS	5 IPS	1 IPS
DVR I	40 GB	SVHS	Hours	13	20	34	67	337
			Days	0,6	0,8	1,4	3	14
		VHS	Hours	17	25	43	85	427
			Days	0,7	1	1,8	4	18
DVR IEP	80 GB	SVHS	Hours	27	40	67	135	673
			Days	1,1	1,7	2,8	6	28
		VHS	Hours	34	50	85	171	855
			Days	1,4	2,1	3,6	7	36
DVR IEP2/	160GB	SVHS	Hours	54	79	135	269	1347
DVR IEP2A			Days	2,2	3,3	5,6	11	56
		VHS	Hours	68	101	171	342	1709
			Days	2,8	4,2	7,1	14	71

Recording speed

DVR I has the following recording speeds: 50, 25, 17, 10, 5, 3, 2, 1, 0.5, 0.2, 0.1 IPS. The 50 IPS is reserved for other applications. For a REO multiplexer, the maximum speed is 25 IPS. In the "Record Update rate" table the update rate per camera (IPS) is shown for the number of cameras in the system.

(IPS = Images Per Second)

RECORD UPDATE RATE (PAL)					
Camera	25 IPS	17 IPS	10 IPS	5 IPS	1 IPS
1	25.00	17.00	10.00	5.00	1.00
2	12.50	8.50	5.00	2.50	0.50
3	8.33	5.67	3.33	1.67	0.33
4	6.25	4.25	2.50	1.25	0.25
5	5.00	3.40	2.00	1.00	0.20
6	4.17	2.83	1.67	0.83	0.17
7	3.57	2.43	1.43	0.71	0.14
8	3.13	2.13	1.25	0.63	0.13

For total product overview see "Your Guide to Observation"



We are virtually present at your installation.

European Helpdesk:

Austria	0810 001038	Greece	00800 461 21007	Spain	9021 19827
Belgium	078 152380	Ireland	01850 789 389	Sweden	08 7505193
Denmark	701 206 80	Italy	039 2036548	Switzerland	0848 803 123
Finland	01 080 2340	Luxembourg	0800 4084	The Netherlands	0900 2020195
France	0801 810 123	Norway	810 00 054	U.K.	0845 840 0018
Germany	01803 000 321	Portugal	800 846 900		

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