

# COLOUR QUAD PROVIDES...

• SHARP COLOUR MONITORING FOR BETTER IDENTIFICATION

• QUAD FUNCTION PERMITS INDIVIDUAL OBSERVATION OF UP TO FOUR LOCATIONS



• AFFORDABLE AND COMPLETE, COMPACT AND STURDY- IDEAL FOR A WIDE RANGE OF APPLICATIONS

• BRINGS CCTV COLOUR QUAD WITHIN REACH OF SMALLER ORGANIZATIONS

## ...THAT EXTRA PAIR OF EYES OF ULTIMATE QUALITY



**POS**

Philips Observation Systems

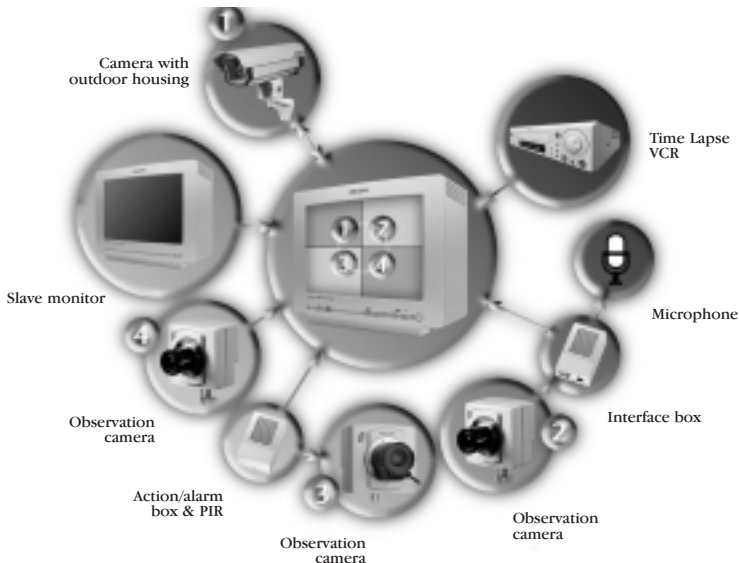
It's **POS**sible



Let's make things better.



**PHILIPS**



**GET THE BEST OF BOTH WORLDS WITH COLOUR AND QUAD VIEWING**

Now you can have the observation and monitoring you would expect large-scale organizations to use with the Philips Colour Quad Observation System. This is because you get the total security advantage of true colour observation, for better recognition and identification and quad viewing, allowing you to view more places at once. Improved identification and recognition with colour as well as the ability to view multiple areas at once plays a vital role in all-round optimal security practices and is especially beneficial in application areas such as shops, petrol stations and banks.

View one or four areas at once on the monitor while benefiting from the other enhanced features this system brings: sharp quality colour imaging; multi-language display; OSD fault finding indicators for power failure, line out, tampering and lost connection; alarm event history of the last nine events and an energy conserving power save mode. In power save mode, the sound and picture are switched off, yet the system remains active. In case of alarm, the screen pops up to alert the user.

Extend your operation with a host of useful accessories like slave monitors, an intercom box for 2-way speech communication between camera and monitor positions an action/alarm box to relay alarm events to your monitor and, give you the ability to operate remote devices. Getting the system up and running is a breeze; components and accessories are easy to install and operate using the 'plug-and-play' concept. Prepared for remote surveillance and the new digital cameras.



**We are virtually present at your installation European Helpdesk:**

Belgium	078 152 380	Austria	0810 001 038	Portugal	800 846 900
France	0801 810 123	Switzerland	0848 803 123	Greece	00800 461 21007
U.K.	0845 840 0018	Norway	810 00 054	Ireland	01850 789 389
Nederland	0900 202 0195	Sweden	0875 05193	Spain	9021 19827
Italy	039 203 6548	Finland	01 080 2340	Luxembourg	0800 4084
Germany	01803 000 321	Denmark	701 206 80		

Local country rates will be charged.

Visit us on the Internet: [www.philipscsi.com](http://www.philipscsi.com)

COLOUR CAMERA COLOUR CAMERA CS-MOUNT LENS	4 MM (VCM7A37) - 8 MM (VCM7A38) 4 MM (VCM7A77) - 3.5 - 8 AUTO IRIS (VCM7A79)
Pick-up device	1/3" (solid state colour CCD)
No. of picture elements (HxV)	512 x 582, PAL interlaced
Horizontal resolution	330 TVL
Gain control	Automatic, 32 dB
Iris	•Integrated lens •CS-Mount Lens Electronic iris Electronic iris or passive auto iris with VCM7A79 (depending on lens type)
Light sensitivity	•Integrated lens •CS-Mount Lens 0.3 lux (minimal acceptable picture) 3.0 lux, (50 I.R.E., 100% scene reflection) 0.2 lux (minimal acceptable picture) 2.0 lux, (50 I.R.E., 100% scene reflection)
Signal-to-Noise ratio	49 dB at 200-25000 lux, 25°C
White balance range	2500-6500 K
Built-in Microphone	Electret, can be switched off at camera
Frequency range	300-3000 Hz
Lens relative aperture	Integrated lens F 2.0; CS mount lens F 1.2
Lens viewing angle	•4 mm •8 mm 64° (H) x 50° (V) 30° (H) x 22° (V)
Power supply	24 V DC (via system cable) when cable length exceeds 300 m a power adapter is required (VCM1162)
Power consumption	< 2.5 W
Tripod socket	1/4" 20 UNC
System cable	4-wire twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	72 x 71 x 70 mm (incl. lens)
Weight	184 gr.
Ambient temperature (oper./storage)	-10...+45°C / -25...+70°C
Ambient humidity (oper./storage)	20...90% / 99% RH
Ambient conditions	Ammonia resistant
COLOUR QUAD SYSTEM MONITOR (VSS7374)	
Picture tube	14", 90° deflection, 0.65 mm pitch TV grade
Resolution	> 350 TVL (4 MHz)
TV standard	PAL 625 lines, 50 Hz, 2:1
Mains power supply	100-240 V AC, 50/60 Hz
Power consumption	70 W max. (no cameras attached) 100 W max. (4 cameras at 200 m)
Camera power supply	24 V DC, short-circuit protected
System synchronisation	Monitor locks to the mains. Cameras lock to H, V and colour ident of the monitor
Camera inputs	4 (system interface)
Slave monitor output	1 (system interface)
Audio	One-way, two-way prepared
Microphone	Electret
	•Sensitivity 70 dB (0 dB=1V/mbar at 1 kHz)
	•Frequency range 400-4000 Hz
Max. camera cable length	200 m (300 m with adapter)
Alarm output	•4 pole screw block •Contact rating N.O./N.C.+common contact+system ground 24 V dc, 2 A
Video cassette recorder	•Video input/output •Audio input •Audio output BNC (1 Vpp, 75 Ohm) Cinch (0.5 Vpp, 10 kOhm) Cinch (0.5 Vpp, 1 kOhm)
Auxiliary output	•Video output •Audio output BNC (1 Vpp, 75 Ohm) Cinch (0.5 Vpp, 1 kOhm)
System cable	4-wire twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	320 x 350 x 370 mm
Weight	12 kg
Ambient temperature (oper./storage)	+10...+45°C / -25...+70°C
Ambient humidity	93...98% RH max.
INTERCOM BOX (VSS7901/00T)	ACTION/ALARM BOX (VSS7902/00T)
INTERFACE BOX (VSS7903/00T)	SLAVE MONITOR (VSS9470/00T)
ACTION/ALARM BOX WITH PIR(VSS7905/00T)	



PHILIPS

Let's make things better.