

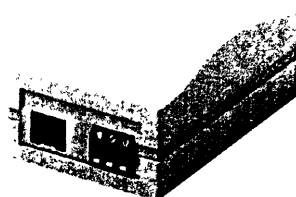
# V application

up" to alert the user. System installation is a breeze with the "plug-and-play" concept and standard telephone cable. Additional system functions like 2-way intercom, alarm handling and relay triggering are integrated into the system giving extra possibilities. The camera inputs are made more rugged for problem-free installation. Fool-proof operation and installation are easy ways of saving time, keeping the focus where it belongs: on business. The system is complete with 25 meter system cable and all necessary mounting hardware. For tailor-made performance, a host of system accessories are available. All accessories are easy to install and operate.

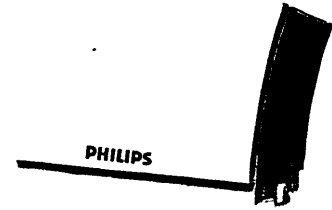


### Action Box (VSS2905)

The action box permits connection of additional equipment like door openers and locks. The action box can also activate remote alarm devices such as sirens, flashing lights, a recording device or automatic-dialer.

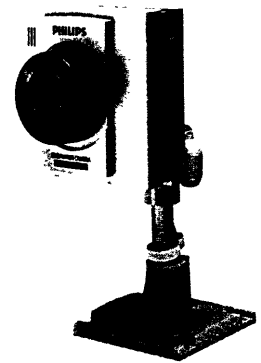


**Camera protective housing (VCM1152)**  
The camera protective housing unit provides added protection for all outside-mounted cameras. The housing is easily fitted to the mounting bracket supplied with the camera.



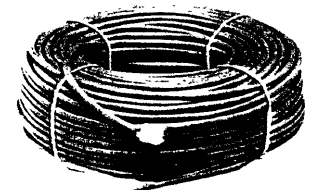
### Dummy camera (VCM1100)

The dummy camera is very convincing. It increases the deterrent factor of theft or intrusion by the illusion of all-around security observation.



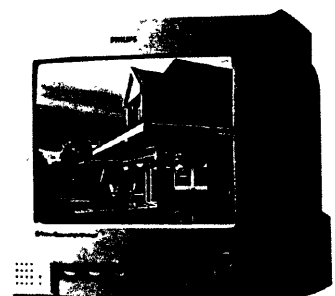
### Extension cable (VSS2906)

50m four dual pair twisted system cable with RJ11E coupling connector.



### Slave monitor (VSS4460)

In order to observe and monitor at other locations, additional 12 inch black & white slave monitors can be connected to the system through the cheap system cable. The audio and video signals from the selected camera are then simultaneously relayed to the system monitor and slave monitor(s).



(VSS2904)  
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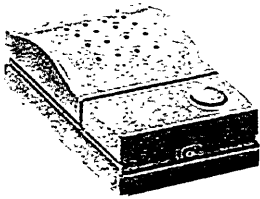
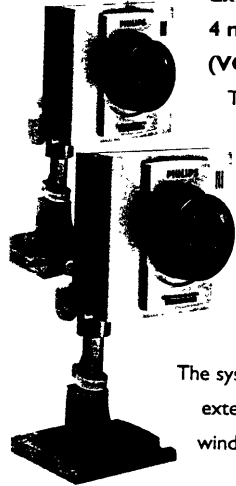
## ACCESSORIES

For quick and easy system expansion in security observation, surveillance and monitoring, choose among a vast array of system accessories. These state-of-the-art accessories are the perfect complement to your system and offer a customized observation solution.

### Extra black and white cameras 4 mm (VCM8637) and 8 mm (VCM8638)

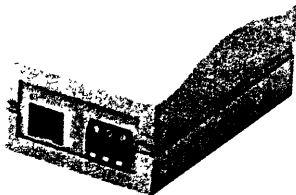
To expand your vision capability, the system can be equipped with four cameras. The black and white camera features a built-in microphone and integrated lens, available in wide (4 mm) or narrow (8 mm) angle.

The system has an alarm input for external devices like alarm or window, doormat sensors.



### Intercom box (VSS2901)

Featuring a doorbell function and two-way speech, the intercom box provides extra identification for greater security. When the doorbell is pushed, the image from the associated camera is immediately selected, giving a clear picture on the monitor of who is calling.

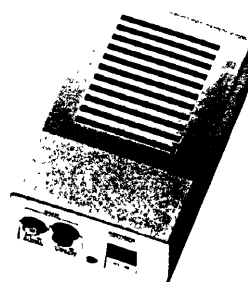


### Alarm box (VSS2902)

For added protection and signaling, the alarm box allows various detecting devices such as doormats, window and door sensors, passive IR motion and other detectors to be connected. In case of alarm, an audible warning is given by the monitor, and a relay contact in the monitor is activated.

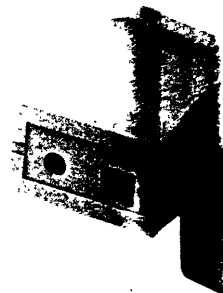
### Interface box (VSS2903)

The interface box extends system versatility by enabling the connection of different types of standard security cameras to the system. It also acts as the interface to additional VCRs, monitors and TV sets or can be used to connect to a cash register interface.



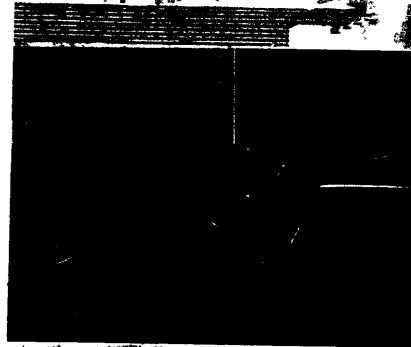
### Cable extension box (VSS2904)

The cable extension box allows the distance between the camera and monitor to be extended from the standard 30 meters to an unprecedented 600 meters.

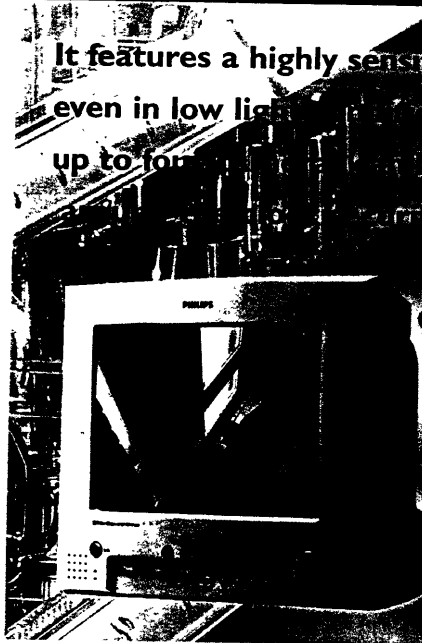


# The for small CC

Introducing the complete and integrated system for black and white observation, monitoring and surveillance. The Philips VSS2360 black and white observation system.



It features a highly sensitive camera for sharp image quality, even in low light conditions (0.2 lux). For extended vision, up to four cameras can be connected. Dedicated to monitoring and observation, the system allows for energy conservation with its "power save" mode. In this mode the picture and sound are switched off while the system remains active. In case of alarm, the screen automatically "pops



# TECHNICAL SPECIFICATIONS

## Black & White System Monitor (VSS2360)

Picture tube	12"/31 cm
Resolution	>500 TVL
TV standard	CCIR, 50 Hz
Mains power supply	100 - 240 V, 50/60 Hz
Power consumption	28 Watt max.
Camera power supply	24 V DC, short-circuit protected
Camera inputs	4 (system interface)
Slave monitor output	1 (system interface)
Audio	One-way, two-way prepared
Built-in microphone	Electret
Max. camera cable length	300 m (600 m with accessory)
Alarm output	N.O./N.C. + common contact
	24 V dc, 2 A
Next camera input	2 pole screwblock, normally open
Video cassette recorder	
	• Video input/output
	• Audio input
	• Audio output
System cable	Cinch (1 Vpp, 75 Ohm)
System connectors	Cinch (0.5 Vpp, 10 kOhm)
Dimensions (WxHxD)	Cinch (0.5 Vpp, 1 kOhm)
Weight	4-wire dual twisted pair "telephone" cable
Ambient temperature (oper./storage)	RJ11E modular
	320 x 310 x 310 mm
	6 kg
	+10...+45°C / -25...+70°C

## Black & White CCD Camera 4 mm (VCM8637) - 8 mm (VCM8638)

Pick-up device	1/3" (solid state CCD)
No. of picture elements (HxV)	512 x 582 (CCIR)
Horizontal resolution	380 TVL
Gain control	Automatic
Iris	Electronic iris
Light sensitivity	0.2 lux (minimal acceptable picture)
	0.5 lux, (50 I.R.E., 100% scene reflection)
Spectral sensitivity range	400 - 1000 nm
Signal-to-Noise ratio	> 48 dB
Built-in Microphone	Electret
Lens relative aperture	F 2.0
Lens viewing angle	64° (H) x 50° (V)
	30° (H) x 22° (V)
Power supply	9.6 - 27 V DC (via system cable)
Power consumption	< 2 W
Tripod socket	1/4" 20 UNC
System cable	4-wire dual twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	70 x 70 x 53.6 mm (incl. lens)
Weight	130 gr.
Ambient temperature (oper./storage)	-20...+55°C / -25...+70°C
Ambient humidity (oper./storage)	20...90 % / 99 % RH
Ambient conditions	Ammonia resistant

## Intercom Box (VSS2901)

Call button	Push type
Audio output power	Max. 160 mW
Power supply	24V DC (via system cable)
Power consumption	Max. 1 Watt
System cable	4-wire dual twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	111x73x38 mm
Weight	135 gr.
Ambient temperature (oper./storage)	-20 - +55 °C / -25 - +70 °C
Ambient humidity (oper./storage)	20...90 % / 99 % RH
Ambient conditions	Ammonia resistant

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[www.observation.philips.com](http://www.observation.philips.com)

## Alarm box (VSS2902)

Power supply input	24V DC (via system cable)
Power consumption	Max. 0.5 Watt
Alarm input (connector)	3-pole screwblock (1x make/break)
Alarm input trigger threshold	< 150 Ohm/ > 150 Ohm
System cable	4-wire dual twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	93x60x42 mm
Weight	100 gr.
Ambient temperature (oper./storage)	-20 - +55 °C / -25 - +70 °C
Ambient humidity (oper./storage)	20...90 % / 99 % RH
Ambient conditions	Ammonia resistant

## Camera-interface box (VSS2903)

Connections	Inputs:	System cable/Auxiliary audio input (Cinch, 0.5 Vpp, 10 kOhm)
		Auxiliary video input (BNC, 1 Vpp, 75 Ohm)
	Outputs:	System cable/Audio out (Cinch, 0.5 Vpp, 1 kOhm) from system input
		Video out (BNC, 1 Vpp, 75 Ohm) from system input
Power supply		24 V DC (via system cable)
System cable		4-wire dual twisted pair "telephone" cable
System connectors		RJ11E modular
Dimensions (WxHxD)		119 x 77 x 40 mm
Weight		170 gr.
Ambient humidity		20...98 %
Ambient temperature (oper./storage)		-10... + 45°C / -25... + 70°C
Ambient humidity (oper./storage)		20...90 % / 99 % RH
Ambient conditions		Ammonia resistant

## Cable extension adapter (VSS2904)

Power supply input	24V DC (from included mains adapter)
Power consumption	Max. 5 Watt (excluding mains adapter)
Cable length compensation	9 position mini-rotary switch
System cable	4-wire dual twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	93x60x42 mm
Weight	100 gr.
Ambient temperature (oper./storage)	-20 - +55 °C / -25 - +70 °C
Ambient humidity (oper./storage)	20...90 % / 99 % RH
Ambient conditions	Ammonia resistant

## Action box (VSS2905)

Power supply input	24V DC (via system cable)
Power consumption	Max. 0.5 Watt
Action relay output (connector)	3-pole screwblock (1x make/break)
	AC: 10 A/125 V, 6 A/250 V DC: 5A/30 V
	• max. switching load
System cable	4-wire dual twisted pair "telephone" cable
System connectors	RJ11E modular
Dimensions (WxHxD)	93x60x42 mm
Weight	100 gr.
Ambient temperature (oper./storage)	-20 - +55 °C / -25 - +70 °C
Ambient humidity (oper./storage)	20...90 % / 99 % RH
Ambient conditions	Ammonia resistant

## Slave monitor (VSS4460)

Picture tube	12"/31 cm
TV standard	CCIR, 50 Hz
Horizontal resolution	> 500 TVL
Audio	Built-in speaker
Mains power supply	100 - 240 V, 50/60Hz
Power consumption	Max. 18 Watt
System input	RJ11E modular for connection to system monitor
Standard A/V input/outputs	
	• Video input/output
	• Audio input
	• Audio output
System cable	Cinch (1 Vpp, 75 Ohm)
Dimensions (WxHxD)	Cinch (0.5 Vpp, 10 kOhm)
Weight	Cinch (0.5 Vpp, 1 kOhm)
Ambient temperature (oper./storage)	Outputs are loopthrough from system and cinch inputs
Ambient humidity (oper./storage)	4-wire dual twisted pair "telephone" cable
	320x300x330 mm
	6 kg
	+10 - +45 °C / -25 - +70 °C
	20...90 % / 99 % RH



# PHILIPS

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