

# Analog Video product overview

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# 960H Analog Video Solutions

## Fixed Cameras

TINYON AN 1000



DINION AN 4000



DINION AN 5000



Commercial Type Number		VPC-1055	VBC-4075*	VBN-4075*	VBN-5085*
Basic features	Maximum resolution	720TVL	720TVL	720TVL	720TVL
	Image sensor type	960H, 1/4" CCD	960H, 1/3" CCD	960H, 1/3" CCD	960H, 1/3" CCD
	Indoor/outdoor	■/-	■/■ (with housing)	■/■ (with housing)	■/■ (with housing)
	Day/night	■ Electronic	■ Electronic	■	■
	IR sensitive	-	-	■	■
	Wide Dynamic Range (WDR)	-	-	-	94 dB
Advanced features	Privacy masking	■	■	■	■
Alarm triggering	Tamper detection	■	■	■	■
	Video Motion Detection	■	■	■	■
Sensitivity	Min. illumination (day mode)	0.3 lux	0.1 lux	0.1 lux	0.04 lux
	Min. illumination (night mode)	-	-	0.02 lux	0.02 lux
	Night vision	-	-	-	-
	Max. range at night	-	-	-	-
Lens	Focal length	2.5 mm	C/CS Mount	C/CS Mount	C/CS Mount
	Horizontal Angle of View	85°	Depending on optional lens	Depending on optional lens	Depending on optional lens
	Zoom digital	-	-	-	16x
Connections	Alarm input/output	-	-	1/1	1/1
Housing	Weather rating	-	-	-	-
	Vandal resistant	-	-	-	-
	Operating temperature	-10° to 50°C (-14° to 122°F)	-20° to 55°C (-4° to 131°F)	-20° to 55°C (-4° to 131°F)	-20° to 55°C (-4° to 131°F)

■ Available      - Not available

\* Lens not included

## 960H Analog Video Solutions

### Indoor Dome Cameras

FLEXIDOME AN micro 1000

FLEXIDOME AN indoor 4000



Commercial Type Number		VUC-1055	VDC-275	VDN-276	VDN-295
Basic features	Maximum resolution	720TVL	720TVL	720TVL	720TVL
	Image sensor type	960H, 1/4" CCD	960H, 1/3" CCD	960H, 1/3" CCD	960H, 1/3" CCD
	Indoor/outdoor	■/-	■/-	■/-	■/-
	Day/night	■ Electronic	■ Electronic	■	■
	IR sensitive	-	■	■	■
	Wide Dynamic Range (WDR)	-	-	-	54 dB
Advanced features	Privacy masking	■	■	■	■
Alarm triggering	Tamper detection	■	■	■	■
	Video Motion Detection	■	■	■	■
Sensitivity	Min. illumination (day mode)	0.43 lux	0.12 lux	0.12 lux	0.15 lux
	Min. illumination (night mode)	-	-	0.07 lux	0.05 lux
	Night vision	-	-	-	-
	Max. range at night	-	-	-	-
Lens	Focal length	2.5 mm	2.8 – 10.5 mm	2.8 – 10.5 mm	2.8 – 10.5 mm
	Horizontal Angle of View	85°	99.5° – 27.4°	99.5° – 27.4°	99.5° – 27.4°
	Zoom digital	-	-	-	16x
Connections	Alarm input/output	-	-	-	-
Housing	Weather rating	-	-	-	-
	Vandal resistant	-	-	-	-
	Operating temperature	-20° to 45°C (-4° to 113°F)	-10° to 50°C (-14° to 122°F)	-10° to 50°C (-14° to 122°F)	-10° to 50°C (-14° to 122°F)

■ Available    - Not available

# 960H Analog Video Solutions

## Outdoor Dome cameras

FLEXIDOME AN outdoor 4000

FLEXIDOME AN outdoor 5000



Commercial Type Number		VDC-242	VDN-242	VDN-244	VDI-244	VDN-5085-xx
Basic features	Maximum resolution	720TVL	720TVL	720TVL	720TVL	720TVL
	Image sensor type	960H, 1/3" CCD	960H, 1/3" CCD	960H, 1/3" CCD	960H, 1/3" CCD	960H, 1/3" CCD
	Indoor/outdoor	-/■	-/■	-/■	-/■	-/■
	Day/night	■ Electronic	■	■	■	■
	IR sensitive	■	■	■	■	■
	Wide Dynamic Range (WDR)	-	-	54 dB	54 dB	94 dB
Advanced features	Privacy masking	■	■	■	■	■
Alarm triggering	Tamper detection	■	■	■	■	■
	Video Motion Detection	■	■	■	■	■
Sensitivity	Min. illumination (day mode)	0.12 lux	0.12 lux	0.15 lux	0.15 lux	0.06 lux
	Min. illumination (night mode)	-	0.07 lux	0.05 lux	0 lux	0.03 lux
	Night vision	-	-	-	■ (infrared)	-
	Max. range at night	-	-	-	20 m (65 ft)	-
Lens	Focal length	2.8 – 10.5 mm	2.8 – 10.5 mm	2.8 – 10.5 mm	2.8 – 10 mm	2.8 – 10.5 mm (V3) 9 – 22 mm (V9) 18 – 50 mm (VA)
	Horizontal Angle of View	99.5° - 27.4°	99.5° - 27.4°	99.5° - 27.4°	98.8° - 28.8°	27.4° to 101.8° (V3) 13.1° to 32.1° (V9) 5.6° to 14.6° (VA)
	Zoom digital	-	-	-	-	16x
	Connections	Alarm input/output	-	-	■	-
Housing	Weather rating	IP66	IP66	IP66	IP66	IP66, NEMA 4X
	Vandal resistant	IK08	IK08	IK08	IK08	IK10
	Operating temperature	-10° to 50°C (-14° to 122°F)	-10° to 50°C (-14° to 122°F)	-30° to 50°C (-22° to 122°F)*	-30° to 50°C (-22° to 122°F)*	-50° to 55°C (-58° to 131°F)*

■ Available    - Not available

\* With heater

## 960H Analog Video Solutions

### PTZ and Specialty Cameras

		AUTODOME AN 4000	AUTODOME AN 5000	FLEXIDOME AN corner 5000	DINION AN traffic 4000 IR
					
Commercial Type Number		VEZ-4x3	VEZ-5x3	VCN-9095	VLR-4075
Basic features	Maximum resolution	720TVL	720TVL	720 TVL	720TVL
	Image sensor type	960H, 1/4" CCD	960H, 1/4" CCD	960H, 1/3" CCD	960H, 1/3" CCD
	Indoor/outdoor	■/■	■/■	■/-	-/■
	Day/night	■	■	■	■
	IR sensitive	■	■	■	■
	Wide Dynamic Range (WDR)	60 dB	60 dB	94 dB	-
Advanced features	Privacy masking	■	■	■	-
	Max. Capture Speed	-	-	-	120 km/h (75 mph)
Alarm triggering	Tamper detection	-	■	■	■
	Video Motion Detection	■	■	■	-
Sensitivity	Min. illumination (day mode)	0.2 lux	0.1 lux	0.04 lux	-
	Min. illumination (night mode)	0.001 lux	0.01 lux	0 lux	0 lux
	Night vision	-	-	■ (infrared)	■ (infrared)
	Max. range at night	-	-	9 m (30 ft)	28 m (92 ft)
Lens	Focal length	3.5 – 104 mm	3.4 – 120 mm	2 mm	5 – 50 mm DC Iris
	Horizontal Angle of View	2.46° to 69.5°	1.70° to 57.8°	139°	51.5° - 6.5°
	PTZ zoom optical/digital	26x optical, 12x digital	36x optical, 12x digital	-	-
	Tilt angle	0 – 180°	0 – 180°	-	-
	Connections	Alarm input/output	■	■	■ (1/1)
Housing	Weather rating	IP66	IP66	IP65	IP66
	Vandal resistant	IK10	-	IK10	IK08
	Operating temperature	-40° to 50°C (-40° to 122°F)	-40° to 50°C (-40° to 122°F)	-10° to 50°C (-14° to 122°F)	-30° to 50°C (-22° to 122°F)

■ Available    - Not available



## 960H Analog Video Solutions

### Outdoor Bullet Cameras



Commercial Type Number		VTC-206	VTI-2075-F3	VTN-4075-V3	VTI-4075-V3	VTI-4075-V9	VTI-4085-V5
Basic features	Maximum resolution	720TVL	720TVL	720TVL	720TVL	720TVL	720TVL
	Image sensor type	960H, 1/3" CCD	960H, 1/3"	960H, 1/3"	960H, 1/3"	960H, 1/3"	960H, 1/3"
	Indoor/outdoor	■/-	■/■	■/■	■/■	■/■	■/■
	Day/night	-	■	■	■	■	■
	IR sensitive	-	■	■	■	■	■
	Wide Dynamic Range (WDR)	-	-	-	-	-	54 dB
Advanced features	Privacy masking	-	■	■	■	■	■
Alarm triggering	Tamper detection	■	■	■	■	■	■
	Video Motion Detection	-	■	■	■	■	■
Sensitivity	Min. illumination (day mode)	0.1 lux	0.5 lux	0.5 lux	0.15 lux	0.15 lux	0.15 lux
	Min. illumination (night mode)	-	0 lux	0.02 lux	0 lux	0 lux	0 lux
	Night vision	-	■ (infrared)	-	■ (infrared)	■ (infrared)	■ (infrared)
	Max. range at night	-	15 m (50 ft)	-	30 m (100 ft)	60 m (200 ft)	100 m (330 ft)
Lens	Focal length	3.6 mm	3.6 mm	2.8 - 12 mm	2.8 - 12 mm	9 - 22 mm	5 - 50 mm
	Horizontal Angle of View	80.9°	80.9°	98.8° - 25.8°	98.8° - 25.8°	32° - 13°	51.5° - 6.5°
	Zoom digital	-	-	-	-	-	-
	Connections	Alarm input/output	-	-	-	-	-
Housing	Weather rating	IP67	IP66	IP66	IP66	IP66	IP66
	Vandal resistant	-	IK08	IK08	IK08	IK08	IK08
	Operating temperature	-10° to 50°C (-14° to 122°F)	-30° to 50°C (-22° to 122°F)	-30° to 50°C (-22° to 122°F)	-30° to 50°C (-22° to 122°F)	-30° to 50°C (-22° to 122°F)	-30° to 50°C (-22° to 122°F)

■ Available    - Not available

## 760H Analog Video Solutions

### Fixed Cameras

**Dinion 2X Day/Night camera**
**WZ 14 Integrated IR Bullet**
**WZ 16 Integrated IR Bullet**


Commercial Type Number		LTC-0630*	VTI-214	VTI-216
Basic features	Maximum resolution	540TVL	380TVL	520TVL
	Image sensor type	760H, 1/2" CCD	1/3" CCD	760H, 1/3" CCD
	Indoor/outdoor	■/■ (with housing)	-/■	-/■
	Day/night	■	■ Electronic	■ Electronic
	IR sensitive	■	■	■
	Wide Dynamic Range (WDR)	96 dB	-	-
Advanced features	Privacy masking	■	-	-
Alarm triggering	Tamper detection	■	■	■
	Video Motion Detection	■	-	-
Sensitivity	Min. illumination (day mode)	0.31 lux	-	-
	Min. illumination (night mode)	0.121 lux	0 lux	0 lux
	Night vision	-	■	■
	Max. range at night	-	15 m (50 ft)	20 m (66 ft)
Lens	Focal length	C/CS Mount	4 mm	3.8 mm – 9.5 mm
	Horizontal Angle of View	Depending on optional lens	80.9°	74.2° - 30°
	Zoom digital	-	-	-
	Zoom optical	-	-	-
Connections	Alarm input/output	1/1	-	-
Housing	Weather rating	-	IP67	IP67
	Vandal resistant	-	-	-
	Operating temperature	-20° to 55°C (-4° to 131°F)	-30° to 50°C (-22° to 122°F)	-30° to 55°C (-22° to 131°F)

■ Available    - Not available

\* Lens not included



## 760H Analog Video Solutions

### Dome Cameras

#### Indoor Dome Camera

#### Outdoor Dome Camera



Commercial Type Number		VDC-250	VDC-260	VDC-240	VDN-240	VDI-240
Basic features	Maximum resolution	540TVL	540TVL	540TVL	540TVL	540TVL
	Image sensor type	760H, 1/3" CCD	760H, 1/3" CCD	760H, 1/3" CCD	760H, 1/3" CCD	760H, 1/3" CCD
	Indoor/outdoor	■/–	■/–	–/■	–/■	–/■
	Day/night	■	■	–	■	■
	IR sensitive	■	■	–	■	■
	Wide Dynamic Range (WDR)	–	–	–	–	–
Advanced features	Privacy masking	■	■	■	■	■
Alarm triggering	Tamper detection	■	■	■	■	■
	Video Motion Detection	■	■	■	■	■
Sensitivity	Min. illumination (day mode)	0.5 lux	0.15 lux	0.05 lux	0.05 lux	0.05 lux
	Min. illumination (night mode)	–	0.05 lux	–	0.005 lux	0 lux
	Night vision	–	–	–	–	■ (infrared)
	Max. range at night	–	–	–	–	20 m (65 ft)
Lens	Focal length	3.8 mm	3.8–9.5 mm	2.8 to 10.5 mm	2.8 to 10.5 mm	3.8 to 9.5 mm
	Horizontal Angle of View	78.7°	74.2° - 30°	99.5° - 27.4°	99.5° - 27.4°	74.2° - 30°
	Zoom digital	–	–	–	–	–
Connections	Alarm input/output	–	–	–	–	–
Housing	Weather rating	–	–	IP66	IP66	IP66
	Vandal resistant	–	–	–	–	–
	Operating temperature	-10°C to 50°C (14 °F to 122 °F)	-10°C to 50°C (14 °F to 122 °F)	-10°C to 50°C (14 °F to 122 °F)	-10°C to 50°C (14 °F to 122 °F)	-10°C to 50°C (14 °F to 122 °F)

■ Available – Not available

\* With heater

## 760H Analog Video Solutions

### Specialty Cameras

**Corner-mount No-grip Camera**

**Explosion Protected Camera**


Commercial Type Number		EX36MNX-xxxx	VEN-650
Basic features	Maximum resolution	540TVL	540TVL
	Image sensor type	1/3" CCD	1/3" CCD
	Indoor/outdoor	■/-	-/■
	Day/night	■	■
	IR sensitive	■	■
	Wide Dynamic Range (WDR)	-	120 dB
	Built-in Microphone	■	-
Advanced features	Privacy masking	■	■
Alarm triggering	Tamper detection	■	■
	Video Motion Detection	■	■
Sensitivity	Min. illumination (day mode)	0.02 lux	0.047 lux
	Min. illumination (night mode)	0 lux	0.019 lux
	Night vision	■ (infrared)	-
	Max. range at night	9 m (30 ft)	-
Lens	Focal length	3.6 mm	5 - 50 mm
	Horizontal Angle of View	121°	51.5° - 6.5°
	Zoom digital	-	-
Connections	Alarm input/output	-	-
Housing	Weather rating	-	IP67
	Vandal resistant	-	-
	Operating temperature	-50° to 50°C (-58° to 122°F)	-50° to 60°C (-58° to 140°F)
	Explosion protection	-	ATEX, IECEx

■ Available    - Not available

# 760H Analog Video Solutions

## PTZ Cameras

AUTODOME 600 Series	MIC series 400 Stainless steel	MIC series 440 Explosion-protected	MIC series 550	MIC series 550 Infrared	MIC series 612 Thermal	High-Speed positioning system
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Commercial Type Number		VG5-61x	MIC-400STS	MIC-440AX	MIC-550	MIC-550-IR	MIC-612	UPH-C630
Basic features	Maximum resolution	550TVL	550TVL	550TVL	550TVL	550TVL	550TVL	540TVL
	Image sensor type	760H, 1/2.5" CCD	760H, 1/4" CCD	760H, 1/4" CCD	760H, 1/4" CCD	760H, 1/4" CCD	760H, 1/4" CCD	760H, 1/2" CCD
	Indoor/outdoor	■/■	-/■	-/■	-/■	-/■	-/■	-/■
	Day/night	■	■	■	■	■	■	■
	IR sensitive	■	■	■	■	■	■	■
	Wide Dynamic Range (WDR)	92 dB	-	-	-	-	-	96 dB
Advanced features	Privacy masking	■	■	■	■	■	■	■
Alarm triggering	Tamper detection	■	■	■	■	■	■	■
	Video Motion Detection	■	■	■	■	■	■	■
Sensitivity	Min. illumination (day mode)	0.66 lux (36x) 0.33 lux (28x)	1.4 lux (36x) 0.7 lux (18x)	1.4 lux (36x) 0.7 lux (18x)	0.66 lux (36x) 0.33 lux (28x)	0.66 lux (36x) 0.33 lux (28x)	0.66 lux (optical) N.A. (thermal)	0.31 lux
	Min. illumination (night mode)	0.104 lux (36x) 0.066 lux (28x)	0.1 lux (36x) 0.01 lux (18x)	0.1 lux (36x) 0.01 lux (18x)	0.104 lux (36x) 0.066 lux (28x)	0 lux	0.104 lux (optical) 0 lux (thermal)	0.121 lux
	Night vision	-	-	-	-	■ (Infrared)	■ (Infrared/Thermal)	-
	Max. range at night	-	-	-	-	150 m (432 ft)	1500 m (1640 yd)	-
Lens	Focal length	3.4 - 122.4 mm (36x) 3.5-98 mm (28x)	3.4 - 122.4 mm (36x) 4.1 - 73.8 mm (18x)	3.4 - 122.4 mm (36x) 4.1 - 73.8 mm (18x)	3.4 - 122.4 mm (36x) 3.5 - 98 mm (28x)	3.4 - 122.4 mm (36x) 3.5 - 98 mm (28x)	3.4 - 122.4 mm (optical) 35 mm (thermal T models) 50 mm (thermal H models)	8.5 - 85 mm (10x) 8 - 120 mm (15x) 8.6 - 154 mm (18x)
	Horizontal Angle of View	1.7° to 57.8° (36x) 2.1° to 55.8° (28x)	1.7° to 57.8° (36x) 2.8° to 48° (18x)	1.7° to 57.8° (36x) 2.8° to 48° (18x)	1.7° to 57.8° (36x) 2.1° to 55.8° (28x)	1.7° to 57.8° (36x) 2.1° to 55.8° (28x)	1.7° to 57.8° (36x) 2.1° to 55.8° (28x)	1.82° to 30.5° (18x) 2.3° to 32.5° (15x) 3.3° to 31.3° (10x)
	PTZ zoom optical/digital	36x, 28x optical/ 12x digital	36x, 18x optical/ 12x digital	36x, 18x optical/ 12x digital	36x, 28x optical	36x, 28x optical	36x, 28x optical	18x, 15x, 10x optical
	Tilt angle	0° - 198°	0° - 270°	0° - 270°	0° - 270°	0° - 270°	0° - 270°	-
Connections	Alarm input/output	7/4	8/2 (optional card)	8/2 (optional card)	8/2 (optional card)	4/0	8/2 (optional card)	1/1
Housing	Weather rating	IP66	IP68	IP68	IP68	IP68	IP68	IP67
	Vandal resistant	IK10	-	-	IK09	IK09	IK09	-
	Operating temperature	-40° to 50°C (-40° to 122°F)	-40° to 50°C (-40° to 122°F)	-20° to 60°C (-4° to 140°F)	-40° to 60°C (-40° to 140°F)	-40° to 60°C (-40° to 140°F)	-40° to 60°C (-40° to 140°F)	-40° to 60°C (-40° to 140°F)

■ Available    - Not available

## 960H Analog Video Solutions

### Digital Video Recorders

DIVAR AN 3000



DIVAR AN 5000



Commercial Type Number			DIVAR-3000-xxx	DIVAR-5000-xxx
System		Target System Size	Up to 16 Cameras	Up to 256 Cameras
		Operating System	Embedded LINUX	Embedded LINUX
		Rack Mountable	-	■
Video	Input	SDK Available	■ (VSDK v5.x)	■ (VSDK v5.x)
		Channels	4, 8 or 16	4, 8 or 16
	Output	Looping Video	-	■
		Connectors	Composite (2), VGA (1), HDMI (1)	Composite (2), VGA (1), HDMI (1)
Audio		Spot Monitor	1	1
		Input/Output Channels	4 (+1 MIC input)/1	4 (+ 1 MIC input)/1
		Synchronous Audio	■	■
		Bi-directional Audio	■ (via web client)	■ (via web client)
		Associate Multiple Cameras to 1 Audio	-	-
Alarms		Inputs/Relay Outputs	16/3	16/5
		Call up Pre-position on Dome Cameras	■	■
		Increase Frame Rate on Alarm	■	■
		Multiple Camera Linking on Alarm Event	■	■
		Notification via Email	■	■
		Pre-alarm	■ up to 30 Seconds	■ up to 30 Seconds
		Motion Detection	■	■
Recording		Video Compression	H.264	H.264
		Frame Rate (FPS)	120 (4ch), 240 (8ch), 480 (16ch) @ 960H	120 (4ch), 240 (8ch), 480 (16ch) @ 960H
		FPS per Camera	30 fps @ 960H	30 fps @ 960H
		Recording Resolution	QCIF/CIF/2CIF/4CIF/960H	QCIF/CIF/2CIF/4CIF/960H
		Individual Camera Adjustment (FPS & Quality)	■	■
		Schedule Recording Modes	Day/Week/>32 Exception days	Day/Week/>32 Exception days
Storage	Internal	HDD	2 (1 when configured with optional DVD writer)	4 (2 when configured with optional DVD writer)
		Expandable	500 – 1000 – 2000 – 3000 GB	500 – 1000 – 2000 – 3000 GB
		On-board RAID	-	-
		External Storage	-	■ (eSATA)
	Export	Supported Devices	Internal DVD writer, USB, BVC, Web Client	Internal DVD writer, USB, BVC, Web Client
		Data Format	Native, AVI	Native, AVI
		Back-up Mode	Manual	Manual
Search		Timeline Search Bar (Color-coded)	■	■
		Search Mode	Date/Time, Channel, Event Type, Motion	Date/Time, Channel, Event Type, Motion
		Smart Motion Search	■	■

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## 960H Analog Video Solutions

### Digital Video Recorders

DIVAR AN 3000

DIVAR AN 5000









Commercial Type Number		DIVAR-3000-xxx	DIVAR-5000-xxx
Display	Live Resolution	960H Camera: 960x480 (using HDMI monitor) 720H Camera: 704x480	960H Camera: 960x480 (using HDMI monitor) 720H Camera: 704x480
	Screen Division (Multiscreen)	4 Ch.: 1/4; 8 Ch. 1/4/8/9; 16 Ch. 1/4/8/9/16	4 Ch.: 1/4; 8 Ch. 1/4/8/9; 16 Ch. 1/4/8/9/16
Security	User	User Levels	3
		Camera Lockouts by User	■
		Set Viewing Permissions	■
		Data Integrity Check (Watermarking, etc.)	■ (in archive player)
Remote	Network	10/100/1000 Ethernet	10/100/1000 Ethernet
	Web Browser Access	■	■
	Simultaneous Accessible Users	4	4
	Mobile Client Access	■ (iOS, Android)	■ (iOS, Android)
	Admin control	■	■
	PTZ Control	■	■
	Export Options	Native, AVI	Native, AVI
Other	Instant Playback	■	■
	Digital Zoom (Live/Playback)	■/■	■/■
	PTZ Joystick Control	-	■
	ATM/POS Interface	-	■

■ Available    - Not available

## 960H Analog Video Solutions

### Flat Panel SD Monitors

		PC	General purpose			High performance	
							
Commercial Type Number		UML-19P-90	UML-151-90	UML-171-90	UML-191-90	UML-172-90	UML-192-90
Display	Type	19" TFT LCD	15" TFT LCD	17" TFT LCD	19" TFT LCD	17" TFT LCD	19" TFT LCD
	Max Pixel Resolution	1280 x 1024	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
	Horizontal Resolution	-	500 TVL	500 TVL	500 TVL	500 TVL	500 TVL
	Aspect Ratio	5:4	4:3	5:4	5:4	5:4	5:4
	Brightness (cd/m2)	300	250	300	300	300	300
	Contrast Ratio	800:1	600:1	1000:1	800:1	1000:1	800:1
	Backlight	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
	Viewing Angle (HxV)	160° x 160°	160° x 160°	160° x 160°	160° x 160°	160° x 160°	160° x 160°
Composite Video/Audio Loop-through		-	Passive	Passive	Passive	Passive	Passive
PC Compatible		■	■	■	■	■	■
Connectors	Composite Video (BNC)	-	■	■	■	■	■
	Y/C (S-Video)	-	■	■	■	-	-
	VGA	■	■	■	■	■	■
	DVI-D	■	-	-	-	■	■
	HDMI	-	-	-	-	■	■
Audio	Input	■	■	■	■	■	■
	Speaker	■	■	■	■	■	■
Mechanical	Width	430 mm (16.9")*	352 mm (13.9")	382 mm (15.1")	430 mm (16.9")*	390 mm (16.9")	429 mm (16.9")
	Height	428 mm (16.9")*	355 mm (14")	428 mm (16.9")	428 mm (16.9")*	379 mm (14.9")	379 mm (14.9")
	Depth	182 mm (7.16")*	200 mm (7.9")	200 mm (7.9")	200 mm (7.9")	75 mm (2.9")	80 mm (3.3")
	Weight	5.9 kg (13.1 lb)*	3.7 kg (8.1 lb)	6.6 kg (14.6 lb)	7.6 kg (16.9 lb)	5.9 kg (12.9 lb)	6.4 kg (16.5 lb)
Power	Power Supply	Included	Included	Included	Included	Included	Included
	Power Consumption	40W	25W	40W	45W	45W	50W
Misc.	Picture-in-picture	-	-	-	-	■	■
	Front Panel Lockout	-	■	■	■	■	■
	IR Remote	-	■	■	■	■	■
Cables Included	VGA-to-VGA	■	■	■	■	■	■
	DVI-to-DVI	■	-	-	-	■	■
Mounting	VESA Compliant	■	■	■	■	■	■
	Tiled wall mountable	■	■	■	■	■	■
	Rack-mountable	-	-	-	-	-	-
	Table Stand	■	■	■	■	-	-
	Tilt Wall Mount	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B	UMM-LM-20B
	Swivel/Tilt Wall Mount	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B	UMM-LM-30B

■ Available    - Not available

\* Includes base

## 960H Analog Video Solutions

### Flat Panel HD Monitors

#### High Definition

#### Video Wall



Commercial Type Number		UML-193-90	UML-223-90	UML-273-90	UML-323-90	UML-423-90	UML-553-90	UML-463-90
Display	Type	19" LED (backlight)	22" LED (backlight)	27" LED (backlight)	32" LED (backlight)	42" LED (backlight)	55" LED (backlight)	46" LED (backlight)
	Max Pixel Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Horizontal Resolution	650 TVL	650 TVL	650 TVL	650 TVL	650 TVL	650 TVL	650 TVL
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Brightness (cd/m <sup>2</sup> )	250	250	300	350	500	450	450
	Contrast Ratio	1000:1	1000:1	3000:1	3000:1	4000:1	4000:1	3500:1
	Backlight	30,000 hours	30,000 hours	30,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
	Viewing Angle (HxV)	170° x 160°	170° x 160°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Composite Video/Audio Loop-through		Passive	Passive	Passive	Passive	Passive	Passive	Passive
PC Compatible		■	■	■	■	■	■	■
Connectors	Composite Video (BNC)	-	-	2 (looping video)	1 (looping video)	2 (looping video)	2 (looping video)	2 (looping video)
	Y/C (S-Video)	-	-	-	-	-	-	-
	VGA	■	■	■	■	■	■	■
	DVI-D	■	■	■	■	■	■	■
	HDMI	■	■	■	■	■	■	■
Audio	Input	■	■	■	■	■	■	■
	Speaker	■	■	■	■	■	■	■
Mechanical	Width	448 mm (17.62")	515 mm (20.26")	642 mm (25.26")	745 mm (29.34")	977 mm (38.96")	1256 mm (49.45")	1024 mm (40.3")
	Height	332 mm (13.07")*	370 mm (14.57")*	380 mm (14.97")	440 mm (17.31")	570 mm (22.44")	727 mm (28.61")	578 mm (22.8")
	Depth	182 mm (7.16")*	182 mm (7.16")*	76 mm (2.98")	77 mm (3.02")	83 mm (3.26")	83 mm (3.26")	112 mm (4.4")
	Weight	3.0 kg (6.6 lb)	3.6 kg (7.9 lb)	9.1 kg (19.95 lb)	12.5 kg (27.6 lb)	20 kg (44.1 lb)	32 kg (70.5 lb)	25 kg (55.1 lb)
Power	Power Supply	Integrated	Integrated	Included	Integrated	Integrated	Integrated	Integrated
	Power Consumption	42W	42W	75W	75W	150W	170W	149W
Misc.	Picture-in-picture	-	-	-	-	-	-	-
	Front Panel Lockout	■	■	■	■	■	■	■
	IR Remote	-	-	■	■	■	■	■
Cables Included	VGA-to-VGA	■	■	■	■	■	■	■
	DVI-to-DVI	■	■	■	■	■	■	■
Mounting	VESA Compliant	■	■	■	■	■	■	■
	Tiled wall mountable	-	-	-	-	-	■	■
	Rack-mountable	-	-	-	-	-	-	-
	Table Stand	Included	Included	Included	UMM-LED32-SD	UMM-LED42-SD	UMM-LED42-SD	UMM-LED46-SD
	Tilt Wall Mount	-	-	-	-	ST660	ST660	ST660
	Swivel/Tilt Wall Mount	-	-	UMM-WMT-32	UMM-WMT-32	-	-	-

■ Available    - Not available

\* Includes base



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Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.

### **Bosch Security Systems**

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