

ProVision®

Leading edge of Presentation



PH-Series Desktop Visualizer

- 8M pixels
- 2 x VGA in/out
- 1 x HDMI in/out
- One touch video recording & photo capture
- HDMI & VGA bypass function
- Simple use keypad
- Multiple zoom in/out button
- Remote control drawer

Simple use keypad



Multiple zoom in/out button



Remote control drawer



R & B COMPUTER SYSTEMS LTD.

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PH-2800 / PH-3800 / PH-8000 Desktop Visualizer

Technical Data	PH-2800	PH-3800	PH-8000
Camera	1-CMOS 1/3" Progressive Scan	1-CMOS 1/3" Progressive Scan	1-CMOS 1/3" Progressive Scan
Picture per second (as picked up by camera)	25 frames (in all resolutions)	25 frames (in all resolutions)	60 frames (in all resolutions)
Effective Pixel (=pixels actually used for image information)	1920 x 1080	1920 x 1080	1920 x 1080
Total pixels of CMOS	8,000,000	8,000,000	8,000,000
Pixels processed per second (=effective pixels x frames per sec.	124,416,000	124,416,000	124,416,000
Color reproduction / precision	very good colors (sRGB color precision)	very good colors (sRGB color precision)	very good colors (sRGB color precision)
Native signal output	1080P (1920 x 1080)	1080P (1920 x 1080)	1080P (1920 x 1080)
Converted output signals (16:9 and 4:3)	1080P (1920 x 1080), 720P (1280 x 720) SXGA (1280 x 1024), XGA (1024 x 768)	1080P (1920 x 1080), 720P (1280 x 720) SXGA (1280 x 1024), XGA (1024 x 768)	1080P (1920 x 1080), 720P (1280 x 720) SXGA (1280 x 1024), XGA (1024 x 768)
Resolution (measured)	1200 TV lines	1200 TV lines	1200 TV lines
Image Rotation	180°	180°	180°
Vertical image-frequency	60Hz	60Hz	60Hz
Iris	automatic and manual	automatic and manual	automatic and manual
White balance adjustment	automatic and manual	automatic and manual	automatic and manual
Text Enhancer	Yes	Yes	Yes
Firmware updates via	SDHC RS-232	SDHC RS-232	SDHC RS-232
Zoom / Lens	80x zoom (10x optical + 8x digital)	80x zoom (10x optical + 8x digital)	80x zoom (10x optical + 8x digital)
Tilt range of camera	180° vertical	180° vertical	180° vertical
Light source	long life high frequency LED lighting	long life high frequency LED lighting	long life high frequency LED lighting
Connectivity Software (USB/LAN, for controlling, image and video capturing and firmware updates)	Yes	Yes	Yes
Special working surface for transparencies	Yes	Yes	Yes
Image memory	-	depends on size of USB disk	depends on size of USB disk
Alternative Image display	negative	negative	negative
Computer input / input switch	two (15-pin D-Sub/VGA plug)	two (15-pin D-Sub/VGA plug)	two (15-pin D-Sub/VGA plug)
Composite video input	one (RCA)	one (RCA)	-
Audio input	one (RCA) and one (Ø3.5/F stereo)	one (RCA) and one (Ø3.5/F stereo)	-
Audio output	one (Ø3.5/F stereo)	one (Ø3.5/F stereo)	one (Ø3.5/F stereo)
HDMI input	-	-	one (HDMI)
HDMI output	-	-	one (HDMI)
Composite video output	one (RCA)	one (RCA)	one (RCA)
RGB output	two (15-pin D-Sub/VGA plug)	two (15-pin D-Sub/VGA plug)	two (15-pin D-Sub/VGA plug)
USB port (for USB Camera / Storage Disk)	-	one (USB Camera)	one (USB Camera)
Weight	3.5 kg (7.7lbs)	3.5 kg (7.7lbs)	3.5 kg (7.7lbs)
Dimensions	setup (450mm x 370mm x 500mm) folder (482mm x 370mm x 114mm)	setup (450mm x 370mm x 500mm) folder (482mm x 370mm x 114mm)	setup (450mm x 370mm x 500mm) folder (482mm x 370mm x 114mm)
Infrared remote control	Yes	Yes	Yes
Anti-theft device	T-Lock and table lock bolt (optional)	T-Lock and table lock bolt (optional)	T-Lock and table lock bolt (optional)
Power (external power pack)	multi range 100-240V, 20W, weight: 0.3kg (0.6lbs)	multi range 100-240V, 20W, weight: 0.3kg (0.6lbs)	multi range 100-240V, 20W, weight: 0.3kg (0.6lbs)
Warranty	3 years	3 years	3 years