

# RX Series

## Digital Web Viewers



The **GRAPHIC-VISION® RX SERIES** are economical, easy to operate digital web viewing systems equipped with a manual or motorized lateral traverse. The system acquires high-resolution digital color pictures of a moving web and displays the image in real-time on a computer monitor. The operator can zoom in and out and control the position of the camera with the easy-to-use remote control.



 **AAA Press International, Inc.**

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# Benefits

## The RX Series inspects these print quality problems:

- Print registration
- Die cut registration
- Perforation registration
- Streaks, voids and fills
- Vignette and screen clarity
- Over or under impression
- Damaged plates
- Varnishes and coatings

## Superb picture quality

The RX Series comes with the latest digital color camera technology to provide the highest resolution at an economical cost.

## Reliable

Industrially designed for harsh environments. Every system includes a sealed NEMA 12 camera housing, static and surge protected electronics in a steel CPU enclosure.

## Easy to learn and use

Functions are controlled by large, color coded

icons located on the remote control. Synchronizing the camera to the press is controlled by the gear switch located on the front of the CPU.

## Service and support

Customer service is provided throughout North America and an international network of sales agents and distributors. Technical support is available 24 hours a day, 7 days a week. The RX Series is equipped with a network connection for remote support, diagnostics and software upgrades.

# Standard Features

- Hi resolution digital color camera
- Camera resolution: 1280 x 960 pixels
- Motorized 10:1 zoom lens, iris, and focus with +7diopter
- Field of view: 4.0" x 3.0" (100mm x 75mm)
- Up to 50x magnification
- High power strobe lamp with hood
- Sealed camera housing with 15 ft. cable
- Manual traverse with anodized camera bracket
- Automatic linear scanning
- "One Touch" remote control
- 110/220 volt, 50/60Hz, 500 va
- PC-based industrial computer
- Capture rate: 120 images per minute
- 32 bit image display
- Industrial steel CPU enclosure with positive pressure and filtered air supply
- Zero speed magnetic gear sensor
- Static protection
- External surge protector with status indicators
- 180/360 image rotate software
- Remote support
- 17" LCD flat screen monitor

## ADDITIONAL OPTIONS:

- Motorized traverse with auto scanning
- Capture rate: 300 images per minute
- Split-screen software
- High resolution digital cameras: 1600 x 1200 pixels, 2400 x 2000 pixels
- Image save software
- Combo programmed position
- Larger fields of view 6" x 4", 8" x 6", 12" x 9"
- Reset sensor for absolute positioning
- Black light UV strobe lights



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## KEY DIFFERENCES BETWEEN GRAPHIC VISION RX100, RX200, AND RX300.

Feature/Functionality	RX100	RX200	RX300
Camera Resolution	1280 x 960	1280 x 960	1280 x 960
10:1 motorized zoom lens	STD	STD	STD
Strobe lights	Single, Dual Optional	Dual, Single Optional	Optional
Flashes per minute	120 std. 300 opt.	120 std. 300 opt.	120 std. 300 opt.
Camera cable lengths	15', 30'	15' and up	15' and up
Sealed camera housing	Yes	Yes	Yes
Dual camera capable	Yes	Yes	Yes
Reset sensor capable	Yes	Yes	Yes
Standard monitor	17" LCD	19" LCD	19" LCD
Flat screen and other monitor options	Yes	Yes	Yes
Camera traverse	Manual	Motorized	Motorized
Industrial CPU chassis	Yes	Yes	Yes
Software upgrades via modem	Yes	Yes	Yes
Remote diagnosis via modem	Yes	Yes	YEs
180 degree electronic image flip	Yes	Yes	Yes
360 degree camera orientation	Yes	Yes	Yes
"One-touch" remote control	Yes	Yes	Yes
Automatic linear scanning	Yes	Yes	Yes
Automatic lateral scanning (motorized only)	NA	Yes	Yes
Zero speed gear sensor	Yes	Yes	Yes
External surge protection (to 2200 joules)	Yes	Yes	Yes
Standard field of view	4.0" x 3.0"	4.0" x 3.0"	6.5" x 4.5"
Maximum field of view offered	6.0" x 4.5"	12.0" x 9.0"	16.0" x 12.0"
Programmed positioning	No	Optional	Optional
Outputs and trigger events hardware	No	Optional	Optional
Alarm light stack	No	No	Optional
Audible alarm	No	Optional	Optional
Defect detection software: Web Sampling, 100% repeat inspection	No	No	Optional
Emergency service	24 x 7	24 x 7	24 x 7
Leasing available	Yes	Yes	Yes
Maximum press speed (FPM/MPM)	2000 / 609	2000 / 609	2000 / 609
System upgrade trade in value	100% 1st year, 50% 2nd year	100% 1st year, 50% 2nd year	100% 1st year, 50% 2nd year
Split screen	Optional	Optional	Optional
Voltage	110/220v 50/60Hz	110/220v 50/60Hz	110/220v 50/60Hz



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