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All application notes are in Adobe PDF format, you may need to download the free viewer

Rx100 Dome interface

Allows control of a variety of high speed serial controlled dome cameras.
A complete list of supported domes is shown on the Rx100 data sheet which can be downloaded connection details and functionality.

RX100/24 230Vac and 24vac supply connection details

[Rx100-24 230Vac 24Vac sheet 29July02 PSC.pdf](#)

360 VISION DOME

[Rx100 Addendum - 360 Vision 31V1 10July03.pdf](#) Added July 03

BISCHKE WEBCAM

[Rx100 Addendum - Bischke head V1.pdf](#)

DAIWA DMP16-H3, DMP23 and BORSATEC

[Rx100 Addendum - Daiwa DMP16-H3 D3V5.pdf](#)

DENNARD 2050

[Rx 100 Dennard 2050 Addendum D2V9 19Feb03.pdf](#) Updated June 03

[Rx100 Dennard 2050 Addendum V7.pdf](#)

[Rx100 Dennard 2050 Addendum V6.pdf](#)

[Rx100 Dennard 2050 Addendum V5.pdf](#)

[Rx100 Dennard 2050 Addendum V4.pdf](#)

[Rx100 Dennard 2050 Addendum V3.pdf](#)

[Rx100 Dennard 2050 Addendum V1.pdf](#)

DYNACOLOR 7720

[Rx100 Addendum Dynacolor 7720 D4V4 16July03.pdf](#) Software updated July 2003

[Rx100 Dynacolor 7720 D4V3 18July02.pdf](#)

[Rx100 Dynacolor 7720 D4V2.pdf](#)

FORWARD VISION METAL MICKEY MIC-1300 (As seen on Big Brother)

[Rx 100 Forward Vision Addendum F1V3 13May03.pdf](#) Updated June 03

[Rx100 Forward Vision Addendum F1V1.pdf](#)

JVC TK-C676 - Support the TK-C675BE, 676 and compatible domes

[Rx 100 Addendum - JVC TKC676 - RX1_J2V2 13Mar03.pdf](#) Updated June 03

[Rx 100 Addendum - JVC TKC676 - RX1_J2V1 13Dec02.pdf](#)

JVC TK-C675 and TK-C675B - This rx100 is replaced by the TK-C676 version (above)[Rx100 JVC TKC675E - V11.pdf](#)[Rx100 JVC TK-C675 Addendum V10.pdf](#)[Rx100 JVC TK-C675 Addendum V9.pdf](#)**MARK MERCER**[Rx 100 Addendum Mark Mercer M1V5 29Apr03.pdf](#) Updated June 03[Rx100 Mark Mercer Addendum V3.pdf](#)**MERIT LI-LIN**[Rx100 Addendum Li-Lin L1V5 30Apr03.pdf](#) Updated June 03[Rx100 Ammendment LiLin L1V4.pdf](#)[Rx100 Merit Li-Lin PIH717X V1.pdf](#)**MITSUBISHI CCD400E**[Rx100 Mitsubishi CCD400 Addendum V1.pdf](#) New Camera Lens control Sept 1999**PANASONIC WV-CSR400, WV-CSR600, WV-CSR650 RS485 controlled domes**[Rx100 Addendum Panasonic WV-CSR600 RX1P1V5B 17June03.pdf](#) Updated June 03[Rx100 Panasonic WV-CSR600 V5.PDF](#)[Rx100 Panasonic WV-CSR600 V4.pdf](#)**PELCO SPECTRA, ESPRIT, PELCO P PROTOCOL**[Rx100 Addendum Pelco Spectra V9 28Mar03.pdf](#) Updated June 03[Rx100 Addendum Pelco Spectra P2V6.PDF](#)[Rx100 Pelco Spectra dome P2V5.pdf](#)**PANASONIC WV-CS850 & WV-CS860 series**[Rx 100 Addendum Panasonic WV-CS850-860 V7 12Mar03 PSC.pdf](#) Updated June 03[Rx100 Panasonic WV-CS850 P1V6.pdf](#)**PHILIPS G3**[Rx100 Addendum Philips AutoDome P3V10 20May03.pdf](#) Updated June 03[Rx100 Addendum Philips AutoDome P3V7 18July02 PSC.pdf](#)[Rx100 Addendum Philips AutoDome P3V6 28May02 PSC.pdf](#)[Rx100 Addendum Philips AutoDome P3V5 27Mar02 PSC.pdf](#)[Rx100 Philips AutoDome P3V3.pdf](#)[Rx100 Philips AutoDome V1.pdf](#)**SAMSUNG SCC-641**[Rx100 Addendum Samsung SCC641 S5V2 2May03 PSC.pdf](#) Updated June 03[Rx100 Addendum Samsung SCC641 S5V1 2Aug02 PSC.pdf](#)**SENSORMATIC RS422 SPEED DOME**[Rx 100 Addendum - Sensormatic S3V2 12Mar03.pdf](#) Updated June 03[Rx100 Sensormatic Speed dome Addendum S3V1.pdf](#)**SONY EVI-31D WEBCAM - up the coax telemetry control only.**[Rx100 Addendum Sony EVI-31D S4V2 29Apr03.pdf](#) Updated June 03[Rx 100 Sony EVI-31D S4V1 issue2 5Apr02.pdf](#)**CHUGAI/COMPUTAR SMD-08 MK2, SMD12, SMD20 SERIES****SANYO VCC-9200P**[Rx100 Star MD200/Sanyo VCC9200P/Computar-Chugai SMD-08MK2,SMD-12,SMD20 series A](#)**ULTRAK KD6/KDZ**[Rx 100 Addendum - Ultrak KD6 Rx1 D1V5 8April03.pdf](#) Updated June 03[Rx100 Ultrak KD6 Addendum D1V4 1.6.pdf](#)[Rx100 Diamond Addendum D1V4 1.5.pdf](#)[Rx100 Diamond Addendum D1V2.pdf](#)

VICON SURVEYOR

[Rx 100 Addendum - Vicon Surveyor 2000 V6 19Mar03.pdf](#) Updated June 03

[Rx100 Vicon Surveyor 2000 Addendum RX1_V2V5.PDF](#)

[Rx100 Vicon Surveyor 2000 Addendum RX1_V2V4.pdf](#)

[Rx100 Vicon Surveyor Addendum V3.pdf](#)

VCL TP

[Rx 100 Addendum - VCL TP microspheres V1V8 12Mar03.pdf](#) Updated June 03

[Rx100 VCL-TP microsphere Addendum V1.1.pdf](#)

[Rx100 VCL-TP microsphere Addendum V3.pdf](#)

Rx300**Telemetry Receiver**

Telemetry Receiver to control basic AC pan/tilt mechanisms.

Outputs for Pan/Tilt/Zoom/Focus/Iris Override/1 Auxilliary(wash or wipe or lights or autopan)

Software Random Pan.

[Rx300 mk1 connection details.pdf](#)

[Rx300 mk2 connection details.pdf](#)

Rx400P**Telemetry Receiver**

Telemetry Receiver to control AC pan/tilt mechanisms including Presets.

Outputs for Pan/Tilt/Zoom/Focus/Iris/Iris Override/Wash/Wipe/Lights 16 preset scenes, 2 preset

[Rx400P mk1 Additional auxiliary relay control, showing relay connection details. Allows upto 4 e:](#)

[Rx400P mk1 connection details.pdf](#)

[Rx400P mk2 connection details.pdf](#)

Rx400DC**Telemetry Receiver**

Telemetry Receiver to control 24Vdc high/variable speed pan/tilt mechanisms including Presets.

Outputs for Pan/Tilt/Zoom/Focus/Iris Override/Wash/Wipe/Lights

16 preset scenes, 2 preset patrols, 12Vdc camera supply

serial port for control of JVC TK-C1360 cameras or as option Mitsubishi CCD400

8 local alarm inputs

[Rx400DC Shawley 365-565-461 wiring.pdf](#)

[Rx400dc Controlling the JVC TK-C1360 camera.pdf](#)

[Rx400DC with JVC1460 Feb02.pdf](#) required Version 21 software

[BBV Rx400DC and RX550 series telemetry receivers and CONWAY 2020 series head 21June0](#)

How to drive motorised iris with Rx400DC receiver. [Rx400DC Motorised Iris Drive.pdf](#)

Rx450**Panasonic compatible****Telemetry Receiver**

Telemetry Receiver to control AC pan/tilt mechanisms including Presets.

Control of Pan/Tilt/Zoom/Focus/Iris Override/Wash/Wipe/Lights/Autopan

Specifically for control by PANASONIC Multiplexer/Matrix systems.

WJ-FS616 Multitplexer & WJ-SX350, SX550 Matrix controllers.

[Rx450 connection details.pdf](#)

[rx450 modification to prevent preset hunting.pdf](#)

Tx1000 Telemetry Transmitter

Telemetry Transmitter

Control of 8 - 64 cameras, up-the-coax telemetry

Optional 20mA twisted pair telemetry, 16 alarm input option

Joystick keyboard option allowing proportional speed control of variable speed heads/domes (Using Rx400DC or Rx100)

RS232 port allows control from 3rd part equipment and control across video transmission links.

[Tx1000 Example telemetry system showing receivers.pdf](#)

[Tx1000 RS232 control protocol V1.9 6Sep02.pdf](#) Updated 19 Dec 02

[Tx1000 with Adpro VST10CA/CAplus/Fastscan II & III video transmission equipment.pdf](#) Update

[Tx1000 with DM DVST video transmission system.pdf](#)

[Tx1000 with DVST using Remguard software.pdf](#)

[Tx1000 with Sony PMS400-500 codec video transmission equipment.pdf](#)

[Tx1000 with Vision Research CR16-CT16 RapidVision video transmission equipment.pdf](#)

[Tx1000 control from IES Site Safe.pdf](#)

[Tx1000 with Bischke FSC FastScan.pdf](#)

[Tx1000-64 Example - 64 camera system with single keyboard, 1 control monitor & 4 spot monitors.pdf](#)

[Tx1000-64 Example - 64 camera system with two keyboard, 1 monitor per keyboard.pdf](#)

[Tx1000-64 Example - multiple sites with local control and single master keyboard able to control all sites.pdf](#)

[Tx1000 KEYBOARD RS232 EXTENSION CONNECTIONS 12JAN2000 PSC.pdf](#)

Tx1500 Expandable Matrix & Telemetry Transmitter (16 - 96 cameras, 8 monitors, 4 keyboards)

[Tx1500 example 1 7July02.pdf](#) - PDF Example showing the Tx1500 and compatible receivers.

[TX1500 BBUS interface installation sheet. BBUS Interface TX151FV5 18Nov02.pdf](#)

Additional Info

[BBV product features table.pdf](#)

[98005 20mA-RS232 converter.pdf](#)

[98007 sin-cos preset addon pcb.pdf](#)

[RF Link RDT MC1200 RF modems and BBV telemetry.pdf](#)

[RF Link Warwick Industrial X7200 RF modems and BBV telemetry with JVC675 domes.pdf](#)

[Year 2000 compliance sheet y2k.pdf](#)

[Rx PCB mounting details.pdf](#)

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