









RIDESAFE RT SERIES IP RECORDERS AT-A-GLANCE

	20 CHANNELS (NO POE PORTS)	20 CHANNELS (WITH 8 POE PORTS)
	 	 
Model Number	RT20E	RT20EP
Base Part Number	24V: 35846 72/110V: 35850 36/48V: 35848	24V: 35847 72/110V: 35851 36/48V: 35849
Total PoE Ports	0	8
IP Licenses Included (out of the box)	20	
IP Performance (aggregate)	60 Mbps	
Local Area Networks	10/100/1000BASE-T Ethernet (RJ45); M12 X-coded connector	
Camera Network	10/100BASE-T Ethernet, IEEE 802.3af PoE; M12 D-coded connector	
Operating System	Embedded Linux	
Alarm Inputs/Relay Outputs	2/1	
Status Tag Module	Supports one module, bi-color output	
Audio Inputs	2	
Max SSDs	2	
Max SSD Storage	4TB	
Storage Redundancy	Mirroring	
Peripheral Data	1 USB, Integrated 3-axis Accelerometer, video/audio export, wireless network support, GPS data, system start-up/shutdown, configurable impact alarm	
Caddy	Removable 2-drive capacity, lockable, EN50155 Shock and vibration drive encasement, automatic cessation on removal	
Dimensions (H x W x D)	Recorder: 3.4 x 10.36 x 10.42 in (8.73 x 26.3 x 26.47 cm) Caddy: 1.9 x 6.5 in (4.8 x 16.5 cm)	
Operating Temperature (with integrated Heater)	-13° to 131°F (-25° to 55°C)	
Ingress Protection	IP40	
Regulatory Approvals	EN55016-2-1, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-6-4, EN55011, EN50121-3-2, EN60068-2-1, EN60068-2-2, EN60068-2-30, EN61373, EN45545, EN50155, CE, EN60068-2-1, EN60068-2-2, EN60068-2-30, EN61373	
Power Supply	24VDC, 37.5VDC, 72VDC, 110VDC, EN50155 compliant	
Weight (dependent on caddy configuration)	0 SSD: 6.71 lbs (3.0 Kg) 1 SSD: 6.91 lbs (3.1 Kg) 2 SSD: 7.11 lbs (3.2 Kg)	
Internal Battery Backup	Brown-out protection and systematic shutdown	
Mounting Options	Driver wall-mount, or shelf-mount with side brackets	
Front Panel QR Code	Contains useful information about the recorder, such as model number and serial number. When the code is scanned using the March Networks® GURU smartphone application, you can check warranty status, initiate an express RMA, get in-field diagnostics support, review and change recorder IP addresses, register/unregister from the Enterprise Service Manager, conduct on-board asset tracking, and go through SSH to view storage information.	

3-year warranty on all recorders:

- Options for Repair & Return or Advance Replacement
- March Networks incurs all shipping costs—both ways—for AR's
- All recorder components are covered, including HDDs

MOBILE IP CAMERAS AT-A-GLANCE

	MOBILE HDR FORWARD FACING CAMERA	MOBILE HDR WEDGE CAMERA	MOBILE SE4 IR MICDOME	ONCAM EVO-05 MINI 360° CAMERA
		 Available in black or white housing		 Available in black or white housing
Part Number	32049: RJ45 PoE, 4.0mm lens 32111: M12 PoE, 6.0mm lens	33134-111 or -112: 2.8mm lens, M12 PoE 33134-103 or -104: 3.6mm lens, M12 PoE 33134-107 or -108: 6mm lens, M12 PoE 33134-109 or -110: 2.8mm lens, RJ45 PoE 33134-101 or -102: 3.6mm lens, RJ45 PoE 33134-106 or -106: 6mm lens, RJ45 PoE	37431-101: RJ45 PoE, 2.8mm lens 37431-102: RJ45 PoE, 4.0mm lens 37431-103: M12 PoE, 2.8mm lens 37431-104: M12 PoE, 4.0mm lens	34460-102: RJ45 PoE, black 34460-101: RJ45 PoE, white 34463-102: M12 PoE, black 34463-101: M12 PoE, white
Image Sensor	1/2.8" CMOS 3MP	1/2.8" CMOS 3MP	1/3" CMOS 4MP	1/2.5" CMOS 3MP
Lens	4mm or 6mm, F1.6 fixed lens	2.8, 3.6 or 6mm, F2.0 fixed lens	2.8mm (F2.0) or 4mm (F2.1), fixed focal	185°, F1.2
Field of View	4.0mm lens: 76° horizontal 6.0mm lens: 51° horizontal	2.8mm lens: 100° horizontal 3.6mm lens: 88° horizontal 6mm lens: 51° horizontal	2.8mm lens: 100° 4.0mm lens: 60°	180° horizontal; 168° vertical
Camera Angle Adjustment	Tilt -88° to +88°	Horizontal: -12.5° to +12.5° (gimbal rotates 360° and moves up and down)	Pan 350°, Tilt 160°, Rotation -100° to 100°	Fixed
Day/Night	Street light color mode	Street light color mode	IR LED	Color only
IR Capabilities	N/A	N/A	Wavelength: 850nm Distance: 49 feet (15m)	N/A
Minimum Illumination	Color: 0.12 Lux @ F1.6	Color: 0.12 Lux @ F2.0	Color: 0.1 lux; B/W: 0.01 lux; IR on: 0.0 lux	0.2 Lux @ F2.0
Dynamic Range	Multi-exposure HDR	Multi-exposure HDR	Multi-exposure HDR	WDR
Video Compression with Multi-Streaming	H.264 (MPEG-4 Part 10/AVC)	H.264 (MPEG-4 Part 10/AVC)	H.264, M-JPEG	H.264, M-JPEG
Resolution	3MP; 2048 x 1536 to 352 x 288	3MP; 2048 x 1536 to 352 x 288	4MP; 2688 (H) x 1520 (V)	5MP; 2592 (H) x 1944 (V)
Frames per Second	30 fps in all resolutions	30 fps in all resolutions	30 fps in all resolutions	30 fps for 1MP and 1/4MP resolution 15 fps for 2MP resolution 10 fps for full resolution
Audio Support	None	None	One-way, embedded microphone	None
Alarm Support	None	None	None	None
Intelligent Video	None	None	Motion detection, active tampering, privacy zones	Motion detection, privacy zones
Power	PoE Class 3	PoE Class 3	PoE Class 0; 12VDC	PoE
Internal Storage	microSDXC	microSDXC	SDXC	microSD
Dimensions	9.4 H x 4.2 W x 3.1 D in 23.8 H x 10.7 W x 7.8 D cm*	2.8 H x 4.8 w x 6.3 D in 7.16 H x 12.11 W x 16.06 D cm	2.56 H x 4.13 D in 6.5 H x 10.5 D cm	2.7 H x 4.7 D in 6.9 H x 11.9 D cm
Environmental	-13° to 131°F (-25° to 55°C) Interior, IP67, J1455, EN50155, Built-in heater	-13° to 131°F (-25° to 55°C) Exterior, IP67, J1455, EN50155, Built-in heater	-22° to 131°F (-30° to 55°C) Interior, IP66, J1455, EN50155	-40° to 131° F (-40° to 55°C) Interior, IP66, EN50155
Vandal-Resistant	IK10	IK10	IK10	IK10
Mounting Options	Ceiling mount, dash mount	Surface mount (dash, wall, ceiling, side)	Surface Mount (dash, wall, ceiling)	Surface mount (dash, wall, ceiling, side)

*Dimensions include extender bracket that ships with camera

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