

# RAINFORD

## EMC SYSTEMS

### Rainford EMC CAM 30P/NxxB/M



#### Small Size EMC Hardened Colour Camera

The miniature cameras of the series 3 are equipped with manual lenses. The high-quality camera module, the video/fibre optic converter and the battery pack (option) are integrated within a compact housing.

The CAM 3 is suitable for mobile applications and observation of EUT's at a short distance.

#### Features:

- Immunity 200 V/m up to 18GHz
- Customized Lenses Possible: (Supports lenses with auto-iris)
- Compact Housing
- With Battery Pack for Mobile Applications or with Mains Supply

#### Accessories:

Power Supply—for Mains Use Only (e.g. PSM21)

Fibre Optic Cables—Variable Lengths ST/FSMA—Connector

Triopod—Wooden with Ir w/o Pan-Tilt

Monitor—LCD in Different Sizes



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### Technical Data:

• Video Signal System	PAL-System (Colour)
• Image Device	1/3"HAD, CCD—Interline
• Resolution	752 (H) x 582 (V)
• Minimum Object Illumination	5 Lux at F1.4
• Lens	
• Zoom	See Table
• Focus	See Table
• Iris	See Table
• Minimum Object Distance	See Table
• White Balance	Automatic
• Special	Various Lenses
• Control Link	
• Video Link	Analogue, 860nm Infrared—LED
• Glass Fibre	50/125 µm Glass Fibre, ST Conn.
• Operating Temperature / Humidity	-10° to +50°C / 20 to 85% RH
• Housing	Aluminium Chromated, 3mm
• Colour	Silver
• External Dimensions (without lens)	120mm x 60mm x 100mm (LxWxH)
• Weight	ca. 1,2 Kg
• Immunity	200V/m up to 18GHz
• Compliance	CISPR 22 Class B, ENV 50140
• Pan	-
• Tilt	-

### Ordering Options:

#### CAM30xyyz

X: P = PAL Version, N = NTSC Version

Z: B = with Battery Pack for Mobile use, M = with Mains Supply

Lens Options: yy see lens-no. below.

**All lenses available with auto Iris on request.**

Price and specifications are subject to change without notice!



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Lens -No.	Focal Length (mm)	Iris	Min. Object Distance (m)	Iris (Manual/ Auto)	Focus (Manual/ Auto)	Zoom	Angel of View Horizontal	Angel of View Vertical
01	2.8	F1.2 ~ close	0.3	M	M	_	94°18'	71°32'
02	8	F1.2 ~ close	0.3	M	M	_	32°36'	24°48'
03	12	F1.4 ~ close	0.8	M	M	_	22°36'	16°36'
04	25	F1.4 ~ 22	0.3	M	M	_	10°5'	8°15'
05	50	F1.4 ~ close	1	M	M	_	5°29'	4°08'
06	75	F1.4 ~ close	1.2	M	M	_	3°39'	2°45'
07	3.5 - 8	F1.4 ~ close	0.6	M	M	M	72°27' ~ 34°00'	55°45' ~ 26°03'
08	8 - 48	F1.0 ~ 22	1.2	M	M	M	33°05' ~ 5°48'	24°55' ~ 4°22'
09	12.5 - 75	F1.8 ~ 22	1	M	M	M	21°44' ~ 3°39'	16°27' ~ 2°45'



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