

QT-240-IPS

POSITIONING SYSTEM

New Quaddrix QT-240 integrated positioning system. Is the integration of a high speed and variable speed system that provides a smooth, continuous and stable motion due to its high speed decoder and PTZ plate built in mechanism.



Features

- Available in 23x, 26x, 35x and 36x models (same specs of the PTZ camera modules)
- RS485/422 data communication: the QT-240 uses an RS485/422 communication bus so it can be fully integrated in your PTZ domes network.
- Multiprotocol: just like all our Athena series PTZ domes this new QT-240 supports multiple communication protocols as well as multiple communication interfaces like Bi-Phase, Manchester and Pelco-Coaxitron.
- High precision movement: this device ensures you a 0.1° positioning accuracy due to its high standard stepper motors mechanism eliminating all the vibration caused by the motion.
- Multi language OSD menu: the new Quaddrix IPS comes with a built in OSD (On Screen Display) Multilanguage menu where you can select between: English, Spanish, Italian, German and Chinese.
- Up to 220 preset position with titles
- 4 sequences with up to 32 preset positions each
- 4 patterns with 180sec each
- 4 panning routines
- Supports up to 8 masking zones
- Outdoors ready: this IPS housing provides an IP66 protection making it an excellent option for outdoors application and hard weather conditions, incorporating thermostat heater, fan, sun-shield, defroster and wiper.
- Lightning protection: With 4000V video, data, power lightning proof and surge proof.



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TECHNICAL SPECIFICATIONS

COMMUNICATIONS

COM. INTERFACE

-RS485/RS422; Bi-Phase, Manchester and Pelco-Coaxitron (optional)

PROTOCOLS

Pelco-D, Pelco-P, Pelco-C, Bosch, AD, VLC, Vicon, Kalatel, Ernitec, Molyx, Diamond and Panasonic

MECHANICAL

PAN

360° continuously

TILT

-90°~40°

MANUAL PAN SPEED

0.1°~70°/s

MANUAL TILT SPEED

0.1°~50°/s

PRESET SPEED

140°/s

PRESET ACCURACY

0.1°

NET WEIGHT

9.6Kg

MAX LOAD

5Kg

FUNCTIONS

OSD MENU

Yes

MULTILANGUAGE

Yes (English, Spanish, Italian, German and Chinese)

PRESET NUMBER

220 with titles

SEQUENCE

4 (up to 32 presets each)

PATTERNS

4 (up to 180sec each)

PANNING

4

MSKING ZONE

Yes; up to 8 zones

AUTO RUNNING FUNCTION

Yes



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TECHNICAL SPECIFICATIONS



ENVIRONMENTAL

PROTECTION
OPERATING TEMP
OPERATING HUMIDITY
OPERATING WIND SPEED
WITHSTAND WIND SPEED
WITHSTAND RAIN FALL
LIGHTNING PROTECTION

IP66
-40°C~60°C
0~90%
90Km/h
130K/h
4mm/min
Yes (up to 4000V video and data surge protection) thermostat heater, fan, sun-shield, defroster and wiper.

ELECTRICAL

WORKING VOLTAGE
POWER CONSUMPTION
WORKING VOLTAGE WITH HEATER & FAN
POWER CONSUMPTION HEATER & FAN

24 VAC 50/60Hz
95W Max (95W IR on, 55W IR Off)
24V AC
21 W

IR Illuminators

IR emission angle
IR emission half angle
IR Wavelength
Irradiation distance
Operating temperature

20°
10°
850nm
180m
-40°C ~ +60°C

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REFERENCE GUIDE

MODEL	CAM		
QT-240	26X	QT-240-26X-IPS	QT-240-26X-IPS-IR
	35X	QT-240-35X-IPS	QT-240-35X-IPS-IR
	36X	QT-240-36X-IPS	QT-240-36X-IPS-IR

TECHNICAL SPECIFICATIONS



	26X	35X	36X
Scan System	2:1 Interlacing	2:1 Interlacing	2:1 Interlacing
Image Sensor	1/4" SONY ExView HAD CCD	1/4" SONY ExView HAD CCD	1/4" SONY ExView HAD CCD
Total Pixels	NTSC: 768(H) x 494(V); PAL: 752(H) x 582(V)	NTSC: 768(H) x 494(V); PAL: 752(H) x 582(V)	NTSC: 768(H) x 494(V); PAL: 752(H) x 582(V)
Effective Pixels	380.000 pixels aprox	380.000 pixels aprox	380.000 pixels aprox
Scan Frequency (H/V)	NTSC: 15.734 Khz /60Hz; PAL: 15.625 Khz/50Hz	NTSC: 15.734 Khz /60Hz; PAL: 15.625 Khz/50Hz	NTSC: 15.734 Khz /60Hz; PAL: 15.625 Khz/50Hz
Horizontal Resolution	470 TVL (color) / 550 TVL (B&W)	520 TVL (color)/ 540TVL(B&W)	470 TVL (color) / 550TVL (B&W)
Sensitivity	0.7 lux (color) / 0,01 lux (B/W)	0.05 lux (co0.05 lux (color) or)/ 0,01 lux	0.1 lux (color)/ 0,01 lux (B/W)
Zoom Ratio	312X (Optical 26X, Digital 12X)	420x (optical 35X, digital 12X)	432X (Optical 36X, Digital 12X)
Sync System	Internal	Internal	Internal
S/N	More than 50 dB	More than 50 dB	More than 50 dB
White Balance	Auto / Manual	Auto	Auto / Manual
BLC	Off / Auto	Auto	Off / Auto
WDR	No	Yes (Off/On; Auto, offset/ Manual)	No
Electronic Image Stabilizer	Yes	Yes	No
ICR Cut Filter	Yes (Auto/Manual)	Yes (Auto/Manual)	Yes (Auto/Manual)
DSS	No	No	No
Angle Of View	54.2° (wide) ~ 2.2° (tele)	55.8° (wide) ~ 1.7° (tele)	55.79° (wide) ~ 1.68° (tele)
Aperture	F1.6 ~ F3.8	F1.4 ~ F4.2	F1.6 ~ F4.5
Focal Length	f = 3.5 ~ 91mm	f = 3.4 ~ 119 mm	f = 3.4 ~ 122.4mm