

# R15RK3S-PCC3-PoE, 15-inch S-Series HMI

## Pioneering Smart Access Control Solutions

The S-Series HMI - R15RK3S-PCC3-PoE is a 15-inch panel PC designed specifically as an interface for smart access control. What makes the series stand out include the features of the PoE function, which allows the transfer of data and electrical power simultaneously resulting in a reduction of installation costs and power consumption, as well as the integrated RFID technology that limits the access only to specific personnel. Ease of cleaning has also been taken into consideration and resulted in the series being built with a true flat surface for easy cleaning and avoiding clogged dust on the edges while delivering superior readability.



### Highlights

- 15" 1024 x 768 TFT LCD with Projected Capacitive Multi-Touch (P-CAP)
- Arm® Dual-core Cortex®-A72 up to 2.0GHz + Quad-core Cortex®-A53 up to 1.5GHz
- Fanless and ultra-low power consumption
- Onboard LPDDR3 2GB (Optional 4GB)
- Onboard 16GB eMMC Flash
- Supports PoE IEEE 802.3at (up to 25W)
- Optional HF RFID Reader
- Front IP65 Water and Dust Proof

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## Display Specification

Size	15" TFT (Widescreen)
Resolution	1024 x 768
Brightness	250 nits (typ.)
Contrast Ratio	500:1 (typ.)
Touch	Projected Capacitive Multi-Touch (P-CAP) Optional anti-glare coating

## System Specification

Processor	Arm Dual-core Cortex-A72 up to 2.0GHz + Quad-core Cortex-A53 up to 1.5GHz
System Memory	2GB LPDDR3L 1600 (Optional 4GB LPDDR3L)
Storage	16GB eMMC (default), Micro SD Card
Operating System	Android 7.1 (default)

## Interface

Serial Ports	1 x RS-232/422/485
USB Ports	1 x USB 3.0, 1 x USB 2.0, 1 x USB OTG
SD Card Slot	1 x Micro SD Card Slot
Ethernet	1 x RJ 45-10/100/1000 Mbps LAN support PoE function
HDMI	1 x Micro HDMI

## Audio

Speaker	1 x 1 Watt Speaker
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## Camera

Front Camera	Optional 2MP Front Camera
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## Data Capture

RFID	Optional HF RFID Reader 13.56 MHz
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## Power Management

Power Input	12V DC
Power Over Ethernet	Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)
Power Consumption	19W

## Mechanical and Environment

Cooling System	Fanless design
Mounting	VESA Mount (75x75mm), Panel Mount
Dimensions (W x H x D)	363.4 x 227.86 x 44.5 (mm)
Cutout Dimensions (W x D)	346 x 261 (mm)

## Environment

Operating Temperature	0 °C to 50 °C
Operating Humidity	30% to 90% (non condensing)

## Standards and Certification

EMC	CE
Safety	FCC

## Drawing

